



タイミング伝動

(設計資料)

Timing



MITSUBOSHI Timing Belt & Pulley

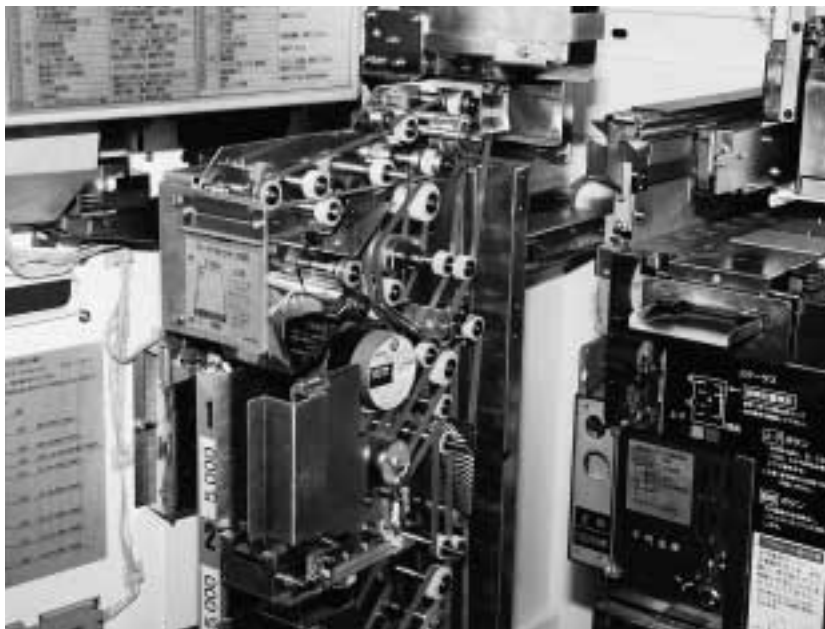
- MXL(DMXL)
- T80
- XL(DXL)
- L(DL)
- H(DH)
- XH
- XXH
- T5(DT5)
- T10(DT10)

人を想い、
地球を想う。



(2003年7月改訂)

タイミングベルト使用例



プリペイドカード販売機



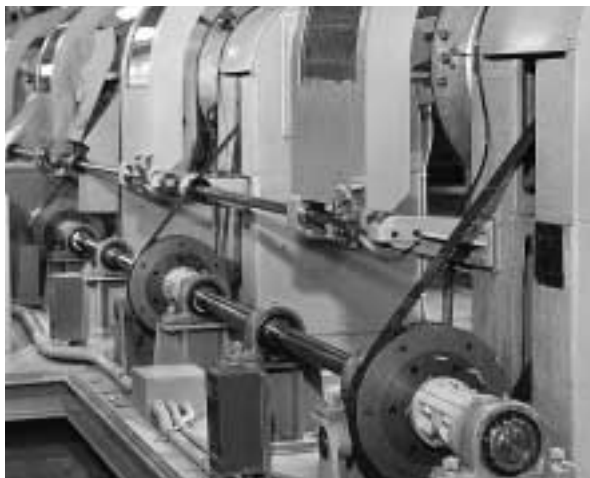
研磨機



自動包装機



複写機



縫線機



油圧式けん引機

※用途例写真は撮影のため、安全カバーを外しています。ご使用の際は必ず安全カバーを取り付けてください。

ダブル タイミングベルト

広範囲の設計に対応
最適なサイズ・タイプが選べます。

■タイミングベルト (台形歯形) Gタイプ&Uタイプ

タイミングベルトは、チェーンやギヤの場合と同じように、かみあいの原理を応用した定角速度運動を行ない、同期伝動をするベルトです。チェーンやギヤの使用でおこる問題点、すなわち、運転騒音が高い、潤滑油などで周囲が汚れる、重量があり機械の軽量化・コンパクト化がはかれない、といった数多くの問題を解決しました。

三ツ星タイミングベルトは、ご使用に応じてゴムタイミングベルト (Gタイプ)

とポリウレタンタイミングベルト (Uタイプ) の2種類があります。一般工業用の高伝動動力のものから、ロングスパン用の長尺タイミングベルト、多軸同期伝動用のダブルタイミングベルトや、精密機器用の超小型タイミングベルトまで、用途に応じて広範囲にお使いいただけます。

別途OA機器専用ベルトとしてT80、T83、T111 (台形歯形) ST1.5、ST80、ST83、ST111 (丸歯形) 等もありますので当社までお問い合わせください。

■特長

■チェーン、ギヤの欠点を克服

チェーンやギヤにくらべて騒音発生が少なく、ベルト自重が軽いので高速回転が可能になります。また、給油などのメンテナンスも不要です。(右表参照)。

■同期伝動

まさつ伝動にくらべ確実な伝動でスリップがなく、回転数を正確に伝えます。

■コンパクトな設計に最適

軽量で薄く、屈曲性にとんでいるため、小さなプーリ径に使用でき、狭いスペースでも十分な伝動が可能です。また、小さな張力で回転しますので、軸荷重が少なくて済みます。

■ひろい設計範囲

- ①伝動容量、速度ともに広範囲にわたる。
 - ②多軸駆動ができる。
 - ③ベルト・プーリのサイズ範囲がひろい。
- など、あらゆる用途の設計に応えることができます。

■同期伝動の性能比較

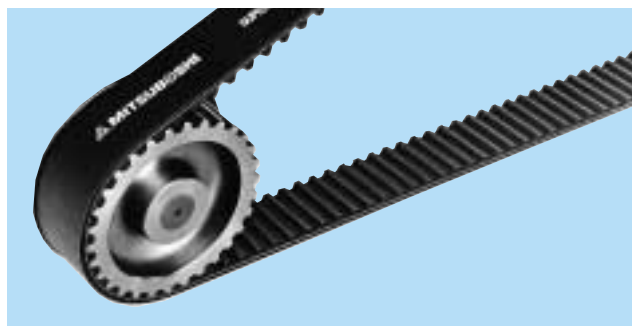
| | タイミング伝動 | チェーン伝動 |
|--------|---------|--------|
| 伝動動力 | ○ | ◎ |
| 速度比 | ○ | ○ |
| 高速回転 | ○ | × |
| 重量 | ◎ | △ |
| 騒音 | ○ | × |
| 設計自由度 | ◎ | △ |
| メンテナンス | ◎ | × |
| 汚染(汚れ) | ◎ | × |

◎すぐれている ○普通 △やや劣る ×劣る

■三ツ星スーパートルクタイミングベルト (丸歯形) (注) 詳しくは、スーパートルクタイミング伝動のカタログをご参照ください。

スーパートルクタイミングベルト (S8M・S14M) は、ベルトプーリの歯側線が、かみ合い軌跡に基づいた合理的な歯形設計により、低速高トルクから高速高トルクまで設計範囲の広い高伝動能力をもったタイミングベルトです。

また、OA機器・自動販売機・電子応用装置等、高い精度、小プーリ径でスムーズな回転が要求される分野にも新シリーズとしてS1.5M、S2M、S3M、S5Mをラインナップしています。



■特殊仕様タイミングベルト

ベルトタイプによっては、次の様な特殊仕様を体系化しておりますので、ご設計の際には当社までお問い合わせください。

- 耐熱仕様…………… 90℃を越え120℃までの高温で使用する場合
- 耐油仕様…………… 多量に油類がかかる所で使用する場合
- ベアーバック仕様…………… ゴム粉の汚れをきらう機械 (家庭用品・精密機器・制御機械など) に使用する場合
- 絶縁仕様…………… 電気抵抗値500MΩ以上の絶縁性が必要な場合
- 特殊背厚仕様…………… 伝動以外で背面を利用した搬送用途で使用する場合
 - Z仕様 (高硬度品) → 背面硬度 Hs75°
 - Y仕様 (低硬度品) → 背面硬度 Hs66°
 - Z仕様 (白 色) → 背面硬度 Hs67°

構造上の特長と適用条件

Gタイプ

背:クロロブレン

歯:クロロブレン

抗張体:グラスファイバー
アラミド繊維

- ①一般工業用に広く使用できます。
- ②100馬力以上の高馬力にも使用できます。
- ③標準ベルトは-30℃～90℃の範囲内で使用できます。
120℃までの耐熱性をご要望の場合は、耐熱仕様ベルトをご使用ください。
- ④標準ベルトは導電性を有しています。(電気抵抗値:6MΩ以下)絶縁性をご要望の場合は、絶縁仕様ベルトをご使用ください。
- ⑤ベルトの片寄りを防止するために、抗張体はS撚り、Z撚りを交互に使用しています。

背:ポリウレタン

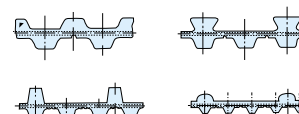
歯:ポリウレタン

Uタイプ

- ①軽動力伝動として精度がすぐれています。
- ②耐油にもすぐれています。
- ③ダブルタイミングベルトのように特殊形状タイミングベルトも製造できます。
- ④外観が美しく、ゴム粉の飛散もなく、きれいな伝動が得意です。
- ⑤温度は80℃以下でご使用ください。

抗張体:スチールコード
テトロン
ケブラー

特殊形状



用途

| ベルト形 | MXL・DMXL・T80 | XL・DXL | L・DL | H・DH |
|------|---|--|--|--|
| 主な用途 | 家庭用シン、タイプライター 自動貯金機、映写機、両替機 キャッシュレジスタ、印刷機、 ファクシミリ、計測器、切符自動販売 機、撮影機、紙送り機、プリンター CPUの周辺装置カードリーダー 魚群探知機、医療用測定機器 ラジコン、オーディオ、VTR、編集機 | 家庭用シン、ラインプリンター 医療用ベッド、電気カミソリ 自動ドア、複写機、按摩機 茶切機、編集機、切符自動販売機 芝刈機、フードプロセッサ、計算機 魚群探知機、血源ポンプ、 家庭用ミートスライサー じゅたん掃除機、自動販売機 | 自動販売機、ワイパー、梱包機 焼入機、リフト アイスクラッシャー、工業用乾燥機 無人ゴルフカー、コンピュータ 複写機、プラスチックレンズ研磨機、 食品機械、海苔採取機 | 小型スライス盤、草刈機 発電機、コンプレッサー スクラップチョッパー 穴仕上マシン、ボール盤 ガラス製版機、食品機械、巻縄機 ロールコータ、圧延ロール、木工機 |
| ベルト形 | XH | XXH | T5・DT5 | T10・DT10 |
| 主な用途 | 製材機、切削機械、カッター ミキサー、ポンプ、溶接機 遠心分離機、ボール盤、振動ミル旋 盤、毛織機、繊維機械 | 送風機、高圧ポンプ、変速機 ロッドミル、コンプレッサー NC旋盤、振動機、かくはん機 研削ボーリング機 | データーライター、ファクシミリ プリンター、切符自動販売機 両替機 | 自動包装機、カードリーダー 繊維機械、製紙機械、NC旋盤 搬送機械 |

●DXL、DL、DHはGタイプのみです。

●T5、DT5、T10、DT10はUタイプのみです。

(注) ●最大伝動容量は、ベルトの形が同じでもベルト幅、運転速度により変化します。
設計の際は、設計資料に基づいて正しく求めてください。

●Gタイプで120℃までの耐熱性、または耐油性をご要望の場合は耐熱仕様ベルトや
耐油仕様ベルトをご使用ください。Uタイプは80℃以下でご使用ください。

●当社では目的や条件に最適な伝動システムを選んでいただくために無料コンピュ
ータ設計サービスを行っていますのでご利用ください。

●ダブルタイミングベルト(DXL、DL、DH)の使用に際しては当社までお問い合わせく
ださい。

●Uタイプでは背面テンションをできる限りさけてください。

ダブル タイミングベルト

■ダブルタイミングベルト

三ツ星ダブルタイミングベルトは、多様化する市場のニーズに応え、高トルク伝動用の丸歯形(“スーパートルク”ダブルタイミングベルト)と台形歯形(ダブルタイミングベルト-G & U)の2種類、計8タイプの品揃えをしています。

このベルトは、内外両面に対称形の歯を持ち、両面を使った正確な多軸伝動ができます。従来のチェーンやギヤによる多軸伝動に比べ、軽量で高速運転が可能、騒音が少なく給油が不要等のすぐれた特長があります。

■特長

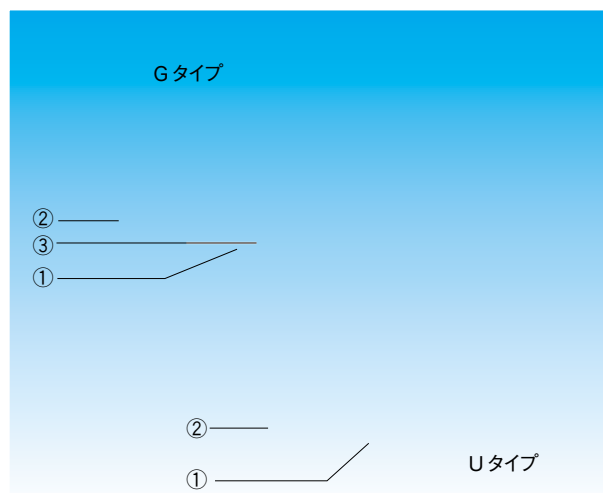
片面歯形のタイミングベルトに比べ：

- ベルトの内外を使ってスリップのない正確な多軸伝動ができます。
- 駆動軸の回転方向に対し従動軸に逆転・正転の同期伝動ができます。

チェーン・ギヤに比べ：

- 軽く、高速運転ができ、コンパクト設計が可能です。
 - 給油は不要でメンテナンスフリーです。
- 以上により設計の自由度がさらに広がりました。

■構造



Gタイプ

- ①歯 布：耐摩耗性にすぐれたナイロン織布です。ベルトの歯の保護とともに、プーリとのかみあいをスムーズにします。
- ②心 線：ベルトのピッチライン上にあり、ハイグレードなグラスファイバーのコードをらせん状に連続した抗張体です。耐熱性、耐屈曲疲労性にすぐれ、高強度で伸びが極めて少ないため、正確な同期伝動に役立つとともに張り直しを不要にしています。
- ③歯ゴム：耐熱性・耐油性・耐候性にすぐれたクロロプレンゴムです。耐摩耗性・耐屈曲疲労性にすぐれています。外部の衝撃を緩和し、心線を保護します。

Uタイプ

- ①歯ゴム：ポリウレタンのため、運転時のゴム粉の飛散がありません。耐油性、耐摩耗性にすぐれたポリウレタンで、外観も美しくなりました。
- ②心 線：ベルトのピッチライン上に位置しています。強力スチールコードで能力を発揮します。

■用途

OA機器／コンピュータ端末機・ファクシミリ・複写機

自動販売機／券売機・改札機・銀行窓口機・紙幣計算機・両替機

食品機械／ハムスライサー・製粉機・水産加工機・調理機・包装機械

その他／繊維機械・染色機械・印刷機械・製本機械・木工機械・合板機械・金属工作機械・計測機器・医療機器

■設計方法

三ツ星ダブルタイミングベルトの設計手順および伝動容量は片歯標準ベルトと同じです。



■長尺タイミングベルト

近年の設備、生産工程における自動化・省エネルギー化を追求する産業界のニーズに応え、開発した製品です。

長尺タイミングベルトには主として往復運動に用いられるオープンエンド品と、回転運動ができるエンドレス品の2種類があります。

■オープンエンド品 (往復運動専用) の特長

■ロングスパン化が可能

下表に示す範囲内でベルト長さが自由に設定でき、ロングスパン化が可能になります。

■正確な往復運動に使用できる

ベルトとプーリは正確に噛合い、スリップがなく往復運動を正確に伝えます。

■静かな運転

金属とゴム・樹脂とゴムの噛合いのため、騒音レベルが低くなります。

■潤滑油不要で清潔

タイミングベルトに給油は不要。機械周辺・製品の汚れが少なくなります。

■メンテナンスフリー

ベルトの伸びは極めて小さく、適切な取付張力を与えることにより張り直し調整はほとんど不要です。

[注] オープンエンド品は往復運動のみにご使用ください。

■オープンエンド品製造可能範囲 (最大ベルト長さ)

Gタイプ

(単位: m)

| ベルト呼び幅 幅 (mm) | 025 | 037 | 050 | 075 | 100 | 150 |
|------------------|-----|-----|------|------|------|------|
| ベルト形 | 6.4 | 9.5 | 12.7 | 19.1 | 25.4 | 38.1 |
| MXL | 69 | 46 | 34 | — | — | — |
| XL | 129 | 89 | 63 | 39 | — | — |
| L | — | — | 72 | 47 | 34 | — |
| H | — | — | 129 | 82 | 60 | 38 |

オーダ表示例

(例) **OTG 89 XL 037**
 オープンエンド品 ベルト長さ (m) ベルト幅 (インチ×100) ベルト形

※MXLの場合、ベルト幅は [mm] となります。
 ※オープンエンド品は1ロール (最大ベルト長さ) 単位で発注をお願いします。

Uタイプ

() 内はT80のレベル幅呼称 (単位: m)

| ベルト呼び幅 幅 (mm) | 3.2 | 4.8 | 0.25 (6.4) | 037 (9.5) | 050 | 075 |
|------------------|-----|-----|------------|-----------|------|------|
| ベルト形 | 3.2 | 4.8 | 6.4 | 9.5 | 12.7 | 19.1 |
| T80 | 99 | 68 | 52 | 35 | — | — |
| XL | — | 94 | 71 | 48 | 36 | 17 |
| L | — | — | — | 51 | 38 | 10 |

Uタイプ (メトリック)

(単位: m)

| ベルトの幅 (mm) | 5 | 10 | 15 | 20 | 25 |
|------------|----|----|----|----|----|
| ベルト形 | 5 | 10 | 15 | 20 | 25 |
| T5 | 87 | 44 | 29 | — | — |
| T10 | — | 49 | 32 | 17 | 13 |

オーダ表示例

(例) **UKOTG T80 6.4 52**
 オープンエンド品 ベルト形 ベルト長さ (m) ベルト幅 (mm)

※XL・Lの場合、ベルト幅はインチ×100となります。
 ※オープンエンド品は1ロール (最大ベルト長さ) 単位で発注をお願いします。

■エンドレス品 (回転運動用) の特長

■ロングスパンに使い設計の自由度が大きい。

ベルト長さは下表の範囲内で自由に設定できるので、ロングスパンでの回転運動ができます。

■ロングスパンの軽伝動 (同期伝動) に使える。

原動機と従動機の距離がはなれていても、下表のベルト長さ範囲内であれば同期伝動が可能です。

■スリップのない同期搬送ができる。

ベルトとプーリの正確な噛合いにより、同期搬送ができます。

■エンドレス品製造可能範囲 (Gタイプ)

| ベルト形 | ベルト呼び幅 | | | | | 最大ベルト長さ (m) |
|------|---------|------|---------|------|--|-------------|
| | (mm) 最小 | (in) | (mm) 最大 | (in) | | |
| L | 12.7 | 0.5 | 355 | 14 | | 20 |
| H | 19.1 | 0.75 | 343 | 13.5 | | 20 |
| XH | 50.8 | 2.0 | 406 | 16 | | 20 |
| XXH | 50.8 | 2.0 | 406 | 16 | | 20 |

オーダ表示例

(例) **GLTG 2000 H 300**
 エンドレス品 ベルト長さ (インチ×10) ベルト幅 (インチ×100) ベルト形

[注] ●許容張力は短尺タイミングベルトの1/2としてください。

設計手順 タイミング伝動の設計方法

1 設計に必要な条件を定めてください。

- ④ 機械種類

⑥ 伝動動力

伝動動力はベルトにかかる実際の負荷を使用するのが理想ですが、一般的には原動機定格動力値を使用します。
- ⑦ 負荷変動の程度(大・中・小)

ブレーキ使用や正逆回転の場合は当社にご相談ください。

⑧ 1日の稼動時間

⑨ 小プーリの回転数
- ⑩ 回転比 $\left(\frac{\text{大プーリ歯数}}{\text{小プーリ歯数}}\right)$

⑪ 暫定軸間距離

⑫ プーリ径の制限

⑬ 使用環境(高温、低温、油、水、ゴミ、酸、アルカリ)

2 用途にあわせてベルトタイプ(GまたはU)を選定してください。

三ツ星タイミングベルトにはゴムタイミングベルト(Gタイプ)とポリウレタンタイミングベルト(Uタイプ)があります。用途に適したタイプを選んでください。

- 一般工業用機械、耐酸、耐アルカリにはGタイプ(XL形、L形、H形、XH形、XXH形)
- ゴム粉飛散をさう軽動力用機械、耐油にはUタイプ(T5形、T10形、MXL形、XL形、L形)
- 特殊形状にはUタイプ(DT5形、DT10形その他) 両面伝動ベルトにはGタイプ(DXL形、DL形、DH形)とUタイプ(DT5形、DT10形)があります。

3 設計動力の設定をしてください。

●設計動力 (Pd) の求めかた

$Pd = Pt \cdot Ks$

ただし、
Pt：伝動動力 (kW)
Ks：過負荷係数

●過負荷係数 (Ks) の求めかた

$Ks = Ko + Kr + Ki$

ただし、
Ko：負荷補正係数 ➡ (5ページ、表1-a)
Kr：回転比補正係数 ➡ (6ページ、表1-b)
Ki：アイドラ補正係数 ➡ (6ページ、表1-c)

表1-a 負荷補正係数 (Ko)

| 原 動 機 使 用 機 械 | 最大出力が定格の300%以下のもの | | | 最大出力が300%超えるもの | | |
|---|---|------------|-------------|--|------------|-------------|
| | 交流電動機(標準電動機、同期伝動機) 直流電動機(分巻) 2気筒以上のエンジン | | | 特殊電動機(高トルク) 直流電動機(直巻) 単気筒エンジン ラインシャフトまたはクラッチによる運転 | | |
| | 運 転 時 間 | | | 運 転 時 間 | | |
| | 3~5hr/day | 8~12hr/day | 16~24hr/day | 3~5hr/day | 8~10hr/day | 16~24hr/day |
| ●展示器具●映写機●計測機器●医療機器 | 1.0 | 1.2 | 1.4 | 1.2 | 1.4 | 1.6 |
| ●掃除機●ミシン●事務機●木工旋盤●帯鋸盤 | 1.2 | 1.4 | 1.6 | 1.4 | 1.6 | 1.8 |
| ●軽荷重用ベルトコンベヤ●梱包機●ふりい機 | 1.3 | 1.5 | 1.7 | 1.5 | 1.7 | 1.9 |
| ●液体かくはん機●ボール盤●旋盤●ねじ切盤 ●丸のこ盤●平削盤●洗たく機 ●製紙機械(パルパを除く)●印刷機械 | 1.4 | 1.6 | 1.8 | 1.6 | 1.8 | 2.0 |
| ●かくはん機(セメント、粘性体) ●ベルトコンベヤ(鉱石、石炭、砂)●研削盤●形削盤 ●中ぐり機械●フライス盤●コンプレッサー(遠心式) ●振動ふるい機●繊維機械(整型機、ワインダー) ●回転圧縮機●コンプレッサー(レシプロ式) | 1.5 | 1.7 | 1.9 | 1.7 | 1.9 | 2.1 |
| ●コンベヤ(エプロン、パン、バケット、エレベーター) ●抽出ポンプ●洗滌機●ファン●ブロア(遠心式、吸引、排気)●発電機●励磁機●ホイスト●エレベーター ●ゴム加工機(カレンダー、ロール、押出機) ●繊維機械(繊維、精紡機、撚糸機、管捲機) | 1.6 | 1.8 | 2.0 | 1.8 | 2.0 | 2.2 |
| ●遠心分離機●コンベヤ(フライト、スクリュウ) ●ハンマーミル●製紙機械(パルパ、ピーター) | 1.7 | 1.9 | 2.1 | 1.9 | 2.1 | 2.3 |
| ●窯業機械(れんが、粘土練り機)●鉱山用プロペラ ●強制送風機 | 1.8 | 2.0 | 2.2 | 2.0 | 2.2 | 2.4 |

●使用機械が表に記載されていない場合は、起動時の負荷・衝撃負荷などが類似した機械の負荷係数を適用してください。

表1-b 回転比補正係数(Kr)

| 回 転 比 | 1.00~1.24 | 1.25~1.74 | 1.75~2.49 | 2.50~3.49 | 3.50以上 |
|----------|-----------|-----------|-----------|-----------|--------|
| 補正係数(Kr) | 0 | 0.10 | 0.20 | 0.30 | 0.40 |

表1-c アイドラ補正係数(Ki)

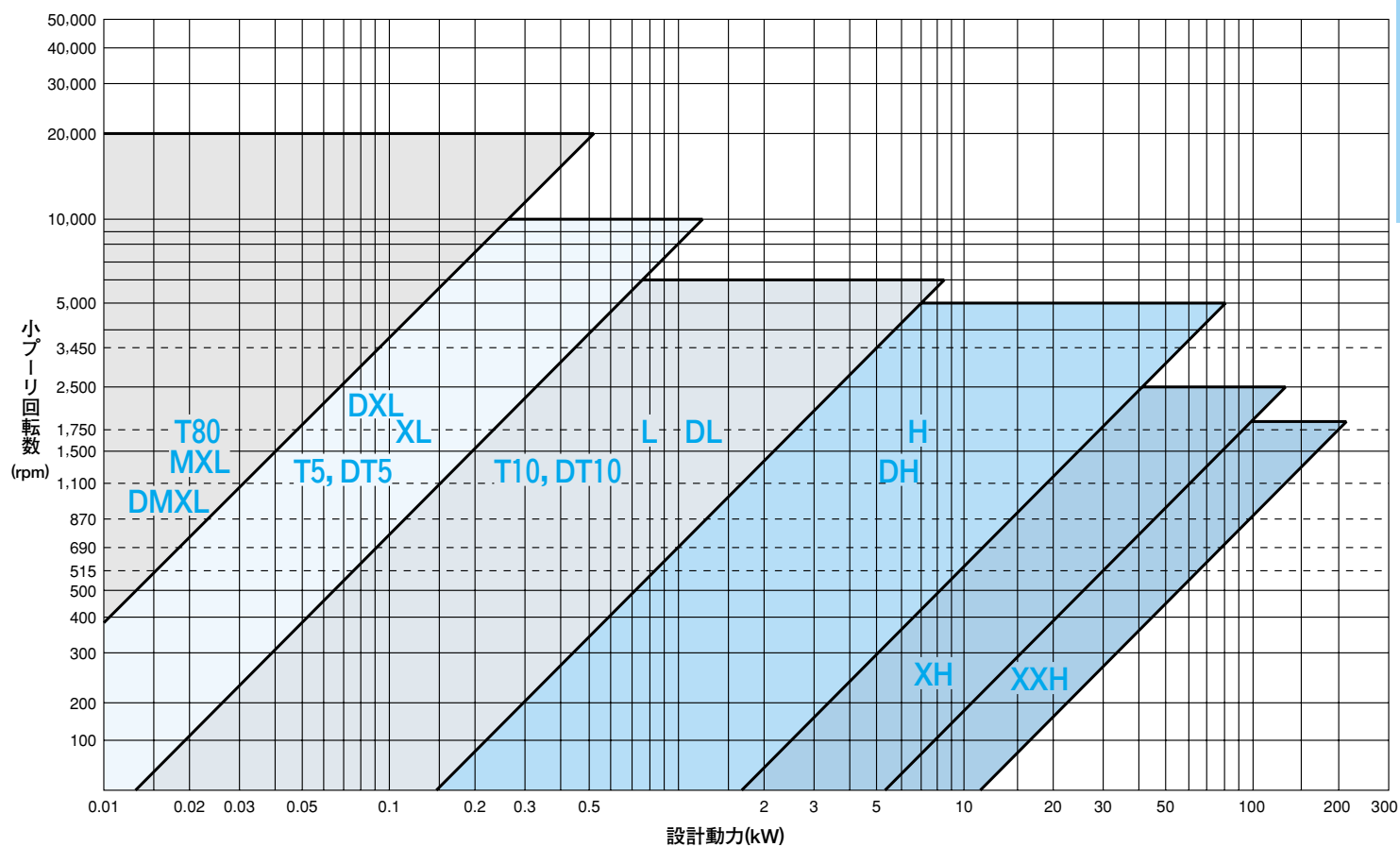
| アイドラの位置 | 補正係数Ki |
|--------------------------|--------|
| ベルトのゆるみ側で、ベルトの内側から使用する場合 | 0 |
| ベルトのゆるみ側で、ベルトの外側から使用する場合 | 0.1 |
| ベルトの張り側で、ベルトの内側から使用する場合 | 0.1 |
| ベルトの張り側で、ベルトの外側から使用する場合 | 0.2 |

※アイドラ補正係数はアイドラプーリがn個の時は、 $Ki \times n$ となります。

4 ベルト形を選定してください。

すでに定められている設計動力と小プーリの回転数により、ベルト形選定図（図1）から選んでください。

図1 ベルト形選定図



Timing Belt Type G & Type U ■設計編

設計手順

5 大小プーリ、標準ベルト、軸間距離を決定してください。

▶標準プーリをもちいる場合

すでに定められている設計条件とベルト伝動設計表により、大小標準プーリ、標準ベルト、軸間距離を求めることができます。

●(27~28 ページ)

●設計表のみかた

●(39 ページ, 表19-①)

①選定したベルト形の設計条件にあった回転比欄①を見てください。

②プーリの組合せ欄②の種々の組合せから、プーリ径の制限範囲内で設計条件に最も近い軸間距離③をもとめ、標準ベルト④を読みとってください。

例

| 回転比 | プーリ組合せ | | | | 軸間距離 | | | | | | | | | | | | mm 呼称 | |
|------|--------|------------|------|------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|-------|--|
| | 小プーリ | | 大プーリ | | 標準 | | | | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 60XL 30歯 | 70XL 35歯 | 80XL 40歯 | 90XL 45歯 | 100XL 50歯 | 110XL 55歯 | 116XL 58歯 | 118XL 59歯 | 120XL 60歯 | 130XL 65歯 | 136XL 68歯 | | | |
| 1.00 | 30 | 48.51 | 30 | 48.51 | — | — | — | — | — | 63.50 | 71.12 | 73.66 | 76.20 | 88.90 | 96.52 | | | |
| 1.00 | 28 | 45.28 | 28 | 45.28 | — | — | — | — | 55.88 | 68.58 | 76.20 | 78.74 | 81.28 | 93.98 | 101.60 | | | |
| 1.00 | 26 | 42.04 | 26 | 42.04 | — | — | — | — | 60.96 | 73.66 | 81.28 | 83.82 | 86.36 | 99.06 | 106.68 | | | |
| 1.00 | 25 | 40.43 | 25 | 40.43 | — | — | — | 50.80 | 63.50 | 76.20 | 83.82 | 86.36 | 88.90 | 101.60 | 109.22 | | | |
| 1.00 | 24 | 38.81 | 24 | 38.81 | — | — | — | 53.34 | 66.04 | 78.74 | 86.36 | 88.90 | 91.44 | 104.14 | 111.76 | | | |
| 1.05 | 18 | 30.72 | 20 | 32.34 | — | — | 52.06 | 64.76 | 77.47 | 90.17 | 88.90 | 100.33 | 102.87 | 115.57 | 123.19 | | | |
| 1.06 | 18 | 29.11 | 19 | 30.72 | — | 41.90 | 54.60 | 67.31 | 80.01 | 92.71 | 100.33 | 102.87 | 105.41 | 118.11 | 125.73 | | | |
| 1.07 | 30 | 48.51 | 32 | 51.74 | — | — | — | — | — | 60.94 | 102.87 | 71.10 | 73.64 | 86.34 | 93.97 | | | |
| 1.07 | 28 | 45.28 | 30 | 48.51 | — | — | — | — | — | 66.02 | 71.10 | 76.18 | 78.72 | 91.43 | 99.05 | | | |
| 1.07 | 15 | 24.26 | 18 | 26.97 | 36.82 | 49.52 | 62.22 | 74.93 | 87.63 | 100.33 | 76.18 | 110.49 | 113.03 | 125.73 | 133.35 | | | |
| 1.07 | 14 | 22.64 | 15 | 24.26 | 39.36 | 52.60 | 64.76 | 77.43 | 90.17 | 102.87 | 110.49 | 113.03 | 115.57 | 128.27 | 135.89 | | | |
| 1.08 | 26 | 42.04 | 28 | 45.28 | — | — | — | — | 58.40 | 71.10 | 113.03 | 81.26 | 83.80 | 96.51 | 104.13 | | | |
| 1.08 | 24 | 38.81 | 26 | 42.04 | — | — | — | — | 63.48 | 76.18 | 81.26 | 86.34 | 88.90 | 101.59 | 109.21 | | | |
| 1.09 | 22 | 35.57 | 24 | 38.81 | — | — | — | 50.77 | 63.48 | 76.18 | 81.26 | 86.34 | 88.90 | 101.59 | 109.21 | | | |
| 1.09 | 11 | 17.79 | 12 | 19.40 | 46.99⑤ | 59.68⑤ | 72.39⑤ | 85.09⑤ | 97.79⑤ | 110.49⑤ | 118.11⑤ | 120.65⑤ | 123.19⑤ | 135.89⑤ | 143.51⑤ | | | |
| 1.10 | 20 | 32.34 | 22 | 35.57 | — | — | 48.23 | 60.94 | 73.64 | 86.34 | 93.97 | 96.51 | 99.05 | 111.75 | 119.37 | | | |
| 1.10 | 10 | 16.17 | 11 | 17.79 | 49.52④ | 62.22④ | 74.93④ | 87.63④ | 100.33④ | 113.03④ | 120.65④ | 123.19④ | 125.73④ | 138.43④ | 146.05④ | | | |
| 1.11 | 19 | 30.72 | 21 | 33.96 | — | — | 50.77 | 63.48 | 76.18 | 88.89 | 96.51 | 99.05 | 101.59 | 114.29 | 121.91 | | | |
| 1.11 | 18 | 29.11 | 20 | 32.34 | — | — | 53.32 | 66.02 | 78.72 | 91.43 | 99.05 | 101.59 | 104.13 | 116.83 | 124.45 | | | |
| 1.12 | 25 | 40.43 | 28 | 45.28 | — | — | — | — | 59.64 | 72.35 | 79.97 | 82.51 | 85.06 | 97.76 | 105.38 | | | |

▶標準プーリを用いない場合

標準プーリの組合せでお望みの回転比が得られない場合には、この手順に従って設計してください。

① 大小プーリを決めてください。

すでに定められている回転比から、大小各プーリ径の組み合わせを決めてください。

回転比 = $\frac{\text{大プーリ歯数}}{\text{小プーリ歯数}}$

小プーリは許容最小歯数を満足させてください。

●(18 ページ, 表7)

② 標準ベルトを決めてください。

すでに定められている暫定軸間距離、大小各プーリピッチ径により、概略ベルト周長を求めてください。

●概略ベルトピッチ周長(Lp)の求めかた

$$Lp' = 2C' + 1.57(Dp + dp)$$

ただし、

C' : 暫定軸間距離(mm)

Dp : 大プーリピッチ径(mm)

dp : 小プーリピッチ径(mm)

この概略ベルトピッチ周長に最も近い長さの標準ベルトを選んでください。

●(13~15 ページ, 表4)

③ 正確な軸間距離を決めてください。

この標準ベルトの歯数またはピッチ周長により、軸間距離早見表、または、次式から正確な軸間距離を求めてください。

●(110~117 ページ, 表46)

●軸間距離(C)の求めかた

$$C = \frac{b + \sqrt{b^2 - 8(Dp - dp)^2}}{8}$$

$$b = 2Lp - \pi(Dp + dp)$$

ただし、

Dp : 大プーリピッチ径(mm)

dp : 小プーリピッチ径(mm)

Lp : 標準ベルトピッチ周長(mm)

6 ベルト幅を決定してください。

① まず、概略ベルト幅を求めてください。

● 概略ベルト幅(Bw')の求めかた

$$Bw' = \frac{Pd}{Ps \cdot Km} \times Wp$$

ただし、
Pd：設計動力(kW)
Ps：基準伝動容量(kW)
Km：かみあい歯数補正係数
Wp：基準ベルト幅(mm)

| ベルト形 | 基準ベルト幅 (mm) | ベルト形 | 基準ベルト幅 (mm) |
|------|-------------|------|-------------|
| MXL | 6.4 | XH | 25.4 |
| XL | 25.4 | XXH | 25.4 |
| L | 25.4 | T5 | 10 |
| H | 25.4 | T10 | 10 |

● 基準伝動容量(Ps)の求めかた

小プーリの歯数と小プーリピッチ径により、基準伝動容量表から伝動容量を求めることができます。

●(19ページ, 表10～26ページ, 表17)

● かみあい補正係数(Km)の求めかた

小プーリのかみあい歯数により下表から求めてください。

表2 かみあい歯数補正係数(Km)

| かみあい歯数 | 6以上 | 5 | 4 | 3 | 2 |
|--------|-----|-----|-----|-----|-----|
| Km | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

● かみあい歯数(Zm)の求めかた

$$Zm = \frac{Zd \cdot \theta}{360^\circ}$$

$$\theta = 180^\circ - \frac{57.3(Dp - dp)}{C}$$

ただし、
Zd：小プーリ歯数
 θ ：接触角度(°)
Dp：大プーリピッチ径(mm)
dp：小プーリピッチ径(mm)
C：軸間距離(mm)

② ベルト幅を求めてください。

概略ベルト幅(Bw')に最も近いベルト幅を標準ベルト幅(Bw)から選んでください。

●(13～15ページ, 表4)

③ ベルト幅により得られる幅補正係数(Kb)

から、次式が満足することを確認してください。

●(19ページ, 表10-a～26ページ, 表17-a)

$$Pd < Ps \cdot Km \cdot Kb$$

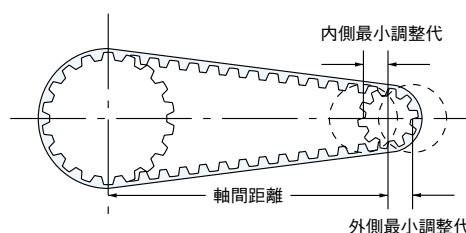
ただし、
Pd：設計動力(kW)
Ps：伝動動力(kW)
Km：かみあい歯数補正係数
Kb：幅補正係数

もし、この式が成り立たない時は、ひとつ上の標準ベルト幅を使ってご確認ください。

7 軸間距離調整代の確認を行なってください。

すでに定められているベルト形、標準ベルトピッチ周長により、適性位置より内側への調整代（取りつけ代）、外側への調整代（伸び代）を求めることができます。

軸間距離の調整表●(18ページ, 表8-a：表8-b)



8 設計に際しては「最適設計の留意事項」と「ベルト使用上の注意事項」をよくお読みください。

設計および使用上の留意事項●(103～109ページ)

Timing Belt Type G & Type U ■設計編

設計例① 標準プーリをもちいた場合

1 設計に必要な条件を定めてください。

- Ⓐ機械種類：旋盤

Ⓑ伝動動力：3.7kW

Ⓒ負荷変動：中。ブレーキなし。正逆回転なし。

Ⓓ稼働時間：16時間/日
- Ⓔ小プーリ回転数：1750rpm

Ⓕ回転比：2.0（減速）

Ⓖ軸間距離：510±5mm

Ⓗ小プーリ径は90mm以下

2 用途にあわせたベルトタイプ(GまたはU)を選定してください。

一般工業用としてゴムタイミングベルト
(Gタイプ) を選びます。

3 設計動力の設定をしてください。

過負荷係数(K_o)=1.8 ●(5ページ,表1-a)

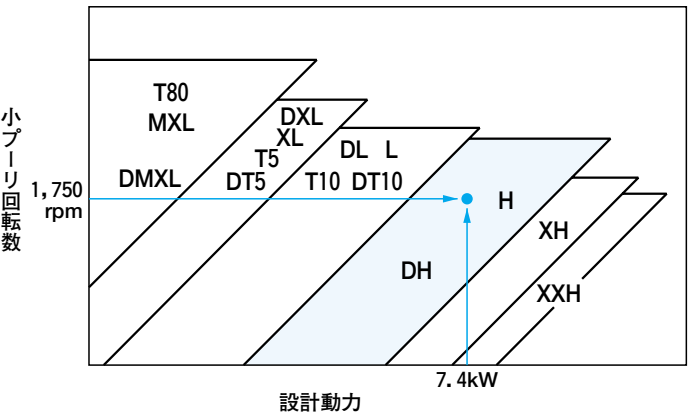
回転比補正係数(K_r)=0.2 ●(6ページ,表1-b)

アイドラ補正係数(K_i)=0 ●(6ページ,表1-c)

機械過負荷係数(K_s)= $K_o+K_r+K_i$
=1.8+0.2+0
=2.0

伝動動力(P_t)=3.7kW
過負荷係数(K_s)=2.0
設計動力(P_d)= $P_t \cdot K_s=3.7 \times 2.0$
=7.4kW

4 ベルト形を選定してください



●(ページ T6,図1)

ベルト形選定図によりベルト形を求めます。
縦軸目盛：①の設計条件の小プーリ回転数1750rpm
横軸目盛：③で算出した設計動力 7.4kW
の交点よりベルト形を求めます。

●ベルト形=H

5 大小プーリ、標準ベルト、軸間距離を設計表から決定してください。

| 回転比 | プーリ 組 合 せ | | | | | | | |
|------|-----------|-----------------|---------|-----------------|-----------------------|----------------------|-------------------------|-------------------------|
| | 小 歯数 | 小 ピッチ径 mm | 大 歯数 | 大 ピッチ径 mm | 240H 48歯 609.60 | H 108歯 1371.60 | 540H 114歯 1447.80 | 570H 120歯 1524.00 |
| 1.57 | 14 | 56.60 | 22 | 88.94 | 189.81 | 15 | 571.27 | 604.39 |
| 1.58 | 19 | 76.81 | 30 | 121.28 | 147.55 | 62 | 529.76 | 567.89 |
| 1.60 | 30 | 121.28 | 48 | 194.04 | — | 39 | 436.63 | 474.86 |
| 1.60 | 25 | 101.06 | 40 | 161.70 | — | 28 | 478.46 | 516.64 |
| 1.60 | 20 | 80.85 | 32 | 129.36 | 137.56 | 99 | 520.13 | 558.27 |
| 1.90 | 21 | 84.89 | 40 | 161.70 | — | 39 | 490.62 | 528.83 |
| 1.91 | 44 | 177.87 | 84 | 339.57 | — | — | — | 306.78 |
| 1.91 | 22 | 88.94 | 42 | 169.79 | — | 65 | 480.90 | 519.13 |
| 1.92 | 26 | 105.11 | 50 | 202.13 | — | 48 | 441.83 | 481.15 |
| 1.92 | 25 | 101.06 | 48 | 194.04 | — | 31 | 451.63 | 480.92 |
| 2.00 | 48 | 194.04 | 96 | 388.08 | — | — | — | — |
| 2.00 | 42 | 169.79 | 84 | 339.57 | — | — | 272.41 | 312.24 |
| 2.00 | 36 | 145.53 | 72 | 291.06 | — | 80 | 334.96 | 373.90 |
| 2.00 | 30 | 121.28 | 60 | 242.55 | — | 78 | 395.39 | 433.91 |
| 2.00 | 25 | 101.06 | 50 | 202.13 | — | 43 | 444.80 | 483.13 |
| 2.00 | 24 | 97.02 | 48 | 194.04 | — | 27 | 454.61 | 492.91 |
| 2.00 | 22 | 88.94 | 44 | 177.87 | — | 88 | 474.16 | 512.42 |
| 2.00 | 21 | 84.89 | 42 | 169.79 | — | 65 | 483.91 | 522.25 |
| 2.00 | 20 | 80.85 | 40 | 161.70 | — | 41 | 493.64 | 531.86 |
| 2.00 | 18 | 72.77 | 36 | 145.53 | 128.15 | 86 | 513.06 | 551.28 |

●設計表のみかた

●(65~66ページ,表21-③)

- ①選定したベルト形の回転比欄①を見てください。
- ②プーリの組み合わせ欄②の種々の組み合わせから、プーリ径の制限範囲内で条件を満足させる軸間距離③をもとめ、標準ベルトサイズ④を読みとってください。

小プーリ：22歯、ピッチ径88.94mm
大プーリ：44歯、ピッチ径177.87mm
軸間距離：512.42mm
標準ベルト：570H114歯(ピッチ周長1447.80mm)

6 ベルト幅を決定してください。

①まず、概略ベルト幅(Bw)を求めてください。

大プーリピッチ径(Dp)=177.87mm

小プーリピッチ径(dp)=88.94mm

軸間距離(C)=512.42mm

$$\begin{aligned}\text{接触角度}(\theta) &= 180^\circ - \frac{57.3(Dp-dp)}{C} \\ &= 180^\circ - \frac{57.3(177.87-88.94)}{512.42} \\ &\approx 170^\circ\end{aligned}$$

小プーリ歯数(Zd)=22歯

接触角度(θ)=170°

$$\text{かみあい歯数}(Zm) = \frac{Zd \cdot \theta}{360^\circ} = \frac{22 \times 170}{360} = 10\text{歯}$$

②8ページ,表2から、かみあい歯数補正係数(Km)=1.0

| かみあい歯数 | 6以上 | 5 | 4 | 3 | 2 |
|--------|-----|-----|-----|-----|-----|
| Km | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

設計動力(Pd)=7.4kW

基準伝動容量(Ps)=5.0kW

●(22ページ,表13)

かみあい歯数補正係数(Km)=1.0

$$\begin{aligned}\text{概略ベルト幅}(Bw') &= \frac{Pd}{Ps \cdot Km} \times Wp \\ &= \frac{7.4}{5.00 \times 1.0} \times 25.4 = 37.6\text{mm} = 1.48\text{inch}\end{aligned}$$

③標準ベルト幅をもとめてください。

概略ベルト幅(Bw')に最も近いベルト幅を、標準ベルト幅から選んでください。

ベルト幅(Bw)=1.5inch

●(14ページ,表4)

④ベルト幅によって幅補正係数(Kb)を求めます。

設計動力(Pd)=7.4kW

基準伝動容量(Ps)=5.0kW

かみあい歯数補正係数(Km)=1.0

幅補正係数(Kb)=1.56

$$Pd < Ps \cdot Km \cdot Kb$$

$$7.4 < 5.0 \times 1.0 \times 1.56$$

$$7.4 < 7.8$$

したがって、このベルト幅の選定は適正です。

7 軸間距離調整代の確認を行なってください。

ベルト形H、標準ベルトピッチ周長1447.80mm

から、

内側へ15mm

外側へ25mm

●(ページT18表8-a, 表8-b)

| ベルト長さ(mm) | 長さ公差(mm) | 軸間距離公差(mm) | 軸間距離外側調整代(mm) |
|---------------|----------|------------|---------------|
| 150未満 | ±0.35 | ±0.18 | 3 |
| 750をこえ1000以下 | ±0.66 | ±0.33 | 15 |
| 1000をこえ1250以下 | ±0.76 | ±0.38 | 15 |
| 1250をこえ1500以下 | ±0.82 | ±0.41 | 25 |
| 1500をこえ1750以下 | ±0.86 | ±0.43 | 25 |
| 1750をこえ2000以下 | ±0.92 | ±0.46 | 30 |

内側調整代

| 種類 | MXL | XL | L | H | XH | XXH |
|----------|-----|----|----|----|----|-----|
| 調整範囲(mm) | 3 | 5 | 10 | 15 | 40 | 50 |

まとめ

ベルト：570H150

プーリ：駆動（小プーリ）22H150

駆動（大プーリ）44H150

軸間距離：512.42 $\begin{smallmatrix} +25 \\ -15\text{mm} \end{smallmatrix}$

Timing Belt Type G & Type U ■設計編

設計例② 標準プーリを用いない場合

1 設計に必要な条件を定めてください。

- ㉓ 機械種類：印刷機
- ㉔ 伝動動力：7.5kW
- ㉕ 負荷変動：中。ブレーキなし。
- ㉖ 稼働時間：10時間/日
- ㉗ 小プーリ回転数：1750rpm
- ㉘ 回転比：2.1(減速)
- ㉙ 軸間距離：450±50mm
- ㉚ 小プーリ径100mm以下

2 用途にあわせたベルトタイプ(GまたはU)を選定してください。

負荷条件によりゴムタイミングベルト (Gタイプ) を選定します。

3 設計動力を設定してください。

過負荷係数(K_o)=1.6

●(5ページ, 表1-a)

回転比補正係数(K_r)=0.2

●(6ページ, 表1-b)

アイドラ補正係数(K_i)=0.0

●(6ページ, 表1-c)

◆過負荷係数(K_s)= $K_o + K_r + K_i$

$$= 1.6 + 0.2 + 0.0$$

$$= 1.8$$

伝動動力(P_t)=7.5kW

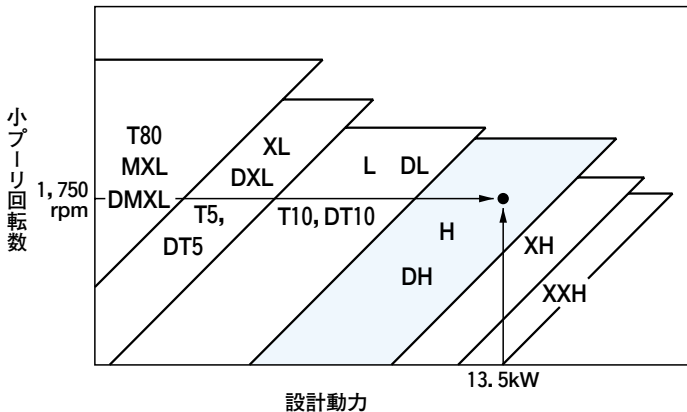
過負荷係数(K_s)=1.8

◆設計動力(P_d)= $P_t \cdot K_s$

$$= 7.5 \times 1.8$$

$$= 13.5$$

4 ベルト形を選定してください



●(6ページ, 図1)

ベルト形選定図によりベルト形を求めます。

縦軸目盛：Ⅰの設計条件の小プーリ回転数1750rpm
横軸目盛：Ⅲで算出した設計動力13.5kW
の交点よりベルト形を求めます。

5 大小プーリ、標準ベルト、軸間距離を決定してください。

① 大小プーリを決めてください。

小プーリの許容最小歯数は18歯。また、小プーリ径100mm以下という条件から、小プーリ歯数20歯(ピッチ径80.85mm)を選びます。

$$\text{回転比}(2.1) = \frac{\text{大プーリ}(X)}{\text{小プーリ}(20)}$$

$$X = 42$$

大プーリ歯数は42歯(ピッチ径169.79mm) となります。

② 標準ベルトを決めてください。

暫定軸間距離(C')=450mm

大プーリピッチ径(D_p)=169.79mm

小プーリピッチ径(d_p)=80.85mm

◆概略ベルトピッチ周長(L_p')

$$= 2C' + 1.57(D_p + d_p)$$

$$= 2 \times 450 + 1.57(169.79 + 80.85)$$

$$\approx 1294\text{mm}$$

標準ベルトサイズから、標準ベルト510H(歯数102、ピッチ周長1295.40mm)を選びます。

●(14ページ, 表3-②)

③ 正確な軸間距離を決めてください。

ベルト歯数(Z_B)=102歯

大プーリ歯数(Z_D)=42歯

小プーリ歯数(Z_d)=20歯

$$X = Z_B - Z_d = 102 - 20 = 82$$

$$Y = Z_D - Z_d = 42 - 20 = 22$$

早見表よりもとめた交点(A)の値にベルト単一ピッチ12.70を掛けます。

$$\text{◆正確な軸間距離}(C) = 35.327 \times 12.70 \\ \approx 448.65\text{mm}$$

●(110ページ, 表50)

6 ベルト幅を決定してください。

①まず、概略ベルト幅を求めてください。

大プーリピッチ径(Dp)=169.79mm

小プーリピッチ径(dp)=80.85mm

軸間距離(C)=448.65mm

$$\begin{aligned} \blacklozenge \text{接触角度}(\theta) &= 180^\circ - \frac{57.3(Dp-dp)}{C} \\ &= 180^\circ - \frac{57.3(169.79-80.85)}{448.65} \\ &\doteq 168.6^\circ \end{aligned}$$

小プーリ歯数(Zd)=20歯

接触角度(θ)=168.6°

$$\blacklozenge \text{かみあい歯数}(Zm) = \frac{Zd \cdot \theta}{360} = \frac{20 \times 168.6}{360} \doteq 9.4$$

◆ページT8,表2から、かみあい歯数補正係数(Km)=1.0

| かみあい歯数 | 6以上 | 5 | 4 | 3 | 2 |
|----------|-----|-----|-----|-----|-----|
| 補正係数(Km) | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

設計動力(Pd)=13.5kW

基準伝動容量(Ps)=4.55kW

●(22ページ,表13)

かみあい歯数補正係数(Km)=1.0

$$\blacklozenge \text{概略ベルト幅}(Bw') = \frac{Pd}{Ps \cdot Km} = \frac{13.5}{4.55 \times 1.0} \doteq 2.97\text{inch}$$

標準ベルト幅の中から、2inchおよび3inchを選んでください。

②標準ベルト幅を求めてください。

概略ベルト幅(Bw')に最も近いベルトの幅を、標準ベルト幅から選んでください。

ベルト幅(Bw)=2inchおよび3inch

●(14ページ,表4-②)

③ベルト幅より幅補正係数(Kb)を求め、ベルト幅の適・不適を確認してください。

設計動力(Pd)=13.5kW

基準伝動容量(Ps)=4.55kW

かみあい歯数補正係数(Km)=1.0

幅補正係数(Kb)▶2inchの場合=2.14

▶3inchの場合=3.36

◆Pd<Ps・Km・Kb

▶2inchの場合

$$13.5 < 4.55 \times 1.0 \times 2.14$$

$$13.5 > 9.737 \dots \dots \text{不適}$$

▶3inchの場合

$$13.5 < 4.55 \times 1.0 \times 3.36$$

$$13.5 < 15.288 \dots \dots \text{適}$$

したがって、ベルト幅は3inchとなります。

7 軸間距離調整代の確認を行なってください。

ベルト形H、標準ベルトピッチ周長1295.40mm

から、

内側へ15mm

外側へ25mm

●(18ページ,表8-a,表8-b)

| ベルト長さ(mm) | 長さ公差(mm) | 軸間距離公差(mm) | 軸間距離外側調整代(mm) |
|---------------|----------|------------|---------------|
| 150未満 | ±0.35 | ±0.18 | 3 |
| 750をこえ1000以下 | ±0.66 | ±0.33 | 15 |
| 1000をこえ1250以下 | ±0.76 | ±0.38 | 15 |
| 1250をこえ1500以下 | ±0.82 | ±0.41 | 25 |
| 1500をこえ1750以下 | ±0.86 | ±0.43 | 25 |
| 1750をこえ2000以下 | ±0.92 | ±0.46 | 30 |

内側調整代

| 種類 | MXL | XL | L | H | XH | XXH |
|----------|-----|----|----|----|----|-----|
| 調整範囲(mm) | 3 | 5 | 10 | 15 | 40 | 50 |

まとめ

ベルト：510H300

プーリ：駆動(小プーリ) 20H300(フランジ付)

従動(大プーリ) 42H300(フランジなし)

軸間距離：448.65^{+25mm}_{-15mm}

なお、20H300は標準プーリをご使用ください。

Timing Belt Type G & Type U ■設計編

標準ベルトサイズ

表3-① ベルト断面寸法と呼称

| 種 類 | | MXL (MM) | |
|--------------|------------------|--|-------------|
| ベルトの 標準寸法 | Gタイプ | | Uタイプ(T80) |
| | | | |
| ベルト呼称 | B 125 (D)MXL 6.4 | <p>ベルト幅 (mm)</p> <p>ベルト形=MXL、ダブルタイミングベルトの場合はDMXL</p> <p>ベルト歯数</p> <p>ベルト略号</p> | 125 T80 6.4 |
| | | | |

表4-① 標準ベルトサイズ表

| ベルト形 | | MXL (T80) | | | | | | | | | | | | | | | | | | | | | |
|-------|-----|-------------|---|-------|---|-------------|-----|---------|---|-------------|---|--------|-----|-------------|---|-------|---|--------|-----|---------|---|-------|---|
| ピッチ | | 2,032 (mm) | | | | | | | | | | | | | | | | | | | | | |
| ベルト幅 | | 3.2 (3.2mm) | | | | 4.8 (4.8mm) | | | | 6.4 (6.4mm) | | | | 9.5 (9.5mm) | | | | | | | | | |
| ベルト歯数 | 歯数 | ベルトピッチ | | 製造の可否 | | ベルト歯数 | 歯数 | ベルトピッチ | | 製造の可否 | | ベルト歯数 | 歯数 | ベルトピッチ | | 製造の可否 | | ベルト歯数 | 歯数 | ベルトピッチ | | 製造の可否 | |
| | | 周長 (mm) | | G | U | | | 周長 (mm) | | G | U | | | 周長 (mm) | | G | U | | | 周長 (mm) | | G | U |
| 30 | 30 | 60.96 | — | ○ | — | 106 | 106 | 215.39 | ○ | ○ | — | (D)219 | 219 | 445.01 | ○ | ○ | ○ | (D)350 | 350 | 711.20 | ○ | ○ | ○ |
| 34 | 34 | 69.09 | ○ | ○ | ○ | 108 | 108 | 219.46 | ○ | ○ | ○ | (D)220 | 220 | 447.04 | ○ | ○ | ○ | (D)355 | 355 | 721.36 | ○ | ○ | ○ |
| 35 | 35 | 71.12 | ○ | ○ | ○ | 109 | 109 | 221.49 | ○ | ○ | — | (D)221 | 221 | 449.07 | ○ | ○ | ○ | (D)359 | 359 | 729.49 | ○ | ○ | — |
| 40 | 40 | 81.28 | ○ | ○ | ○ | 110 | 110 | 223.52 | ○ | ○ | ○ | (D)222 | 222 | 451.10 | ○ | ○ | ○ | 360 | 360 | 731.52 | — | ○ | — |
| 41 | 41 | 83.31 | ○ | ○ | — | 112 | 112 | 227.58 | ○ | ○ | ○ | (D)224 | 224 | 455.17 | ○ | ○ | ○ | (D)364 | 364 | 739.65 | ○ | ○ | — |
| 45 | 45 | 91.44 | ○ | ○ | ○ | 114 | 114 | 231.65 | ○ | ○ | ○ | 225 | 225 | 457.20 | — | ○ | ○ | (D)365 | 365 | 741.68 | ○ | ○ | — |
| 46 | 46 | 93.47 | ○ | ○ | ○ | 115 | 115 | 233.68 | ○ | ○ | ○ | (D)226 | 226 | 459.23 | ○ | ○ | — | 370 | 370 | 751.84 | — | ○ | ○ |
| 48 | 48 | 97.54 | ○ | ○ | ○ | 118 | 118 | 239.78 | ○ | ○ | ○ | (D)227 | 227 | 461.26 | ○ | ○ | ○ | (D)372 | 372 | 755.90 | ○ | ○ | ○ |
| 49 | 49 | 99.57 | ○ | ○ | — | 119 | 119 | 241.81 | ○ | ○ | — | (D)228 | 228 | 463.30 | ○ | ○ | ○ | 377 | 377 | 766.06 | ○ | ○ | ○ |
| 50 | 50 | 101.60 | ○ | ○ | ○ | 120 | 120 | 243.84 | ○ | ○ | ○ | (D)230 | 230 | 467.36 | ○ | ○ | ○ | (D)380 | 380 | 772.16 | ○ | ○ | ○ |
| 51 | 51 | 103.63 | ○ | ○ | — | 121 | 121 | 245.87 | ○ | ○ | ○ | 231 | 231 | 469.39 | — | ○ | ○ | (D)386 | 386 | 784.35 | ○ | ○ | — |
| 52 | 52 | 105.66 | ○ | ○ | ○ | 122 | 122 | 247.90 | ○ | ○ | ○ | (D)232 | 232 | 471.42 | ○ | ○ | ○ | 390 | 390 | 792.48 | — | ○ | ○ |
| 53 | 53 | 107.70 | ○ | ○ | ○ | 123 | 123 | 249.94 | ○ | ○ | ○ | 235 | 235 | 477.52 | — | ○ | ○ | (D)397 | 397 | 806.70 | ○ | ○ | ○ |
| 54 | 54 | 109.73 | ○ | ○ | ○ | 124 | 124 | 251.97 | ○ | ○ | — | (D)236 | 236 | 479.55 | ○ | ○ | ○ | (D)400 | 400 | 812.80 | ○ | ○ | ○ |
| 55 | 55 | 111.76 | ○ | ○ | ○ | 125 | 125 | 254.00 | ○ | ○ | ○ | (D)239 | 239 | 485.65 | ○ | ○ | ○ | 403 | 403 | 818.90 | ○ | ○ | — |
| 56 | 56 | 113.79 | ○ | ○ | ○ | 126 | 126 | 256.03 | ○ | ○ | ○ | (D)240 | 240 | 487.68 | ○ | ○ | ○ | (D)405 | 405 | 822.96 | ○ | ○ | — |
| 57 | 57 | 115.82 | ○ | ○ | ○ | 127 | 127 | 258.06 | ○ | ○ | — | (D)243 | 243 | 493.78 | ○ | ○ | ○ | (D)411 | 411 | 835.15 | ○ | ○ | — |
| 59 | 59 | 119.89 | ○ | ○ | ○ | 128 | 128 | 260.10 | ○ | ○ | — | (D)245 | 245 | 497.84 | ○ | ○ | ○ | (D)419 | 419 | 851.41 | ○ | ○ | — |
| 60 | 60 | 121.92 | ○ | ○ | ○ | 129 | 129 | 262.13 | ○ | ○ | — | (D)248 | 248 | 503.94 | ○ | ○ | ○ | 420 | 420 | 853.44 | — | ○ | ○ |
| 61 | 61 | 123.95 | ○ | ○ | — | 130 | 130 | 264.16 | ○ | ○ | ○ | 249 | 249 | 505.97 | — | ○ | ○ | (D)424 | 424 | 861.57 | ○ | ○ | — |
| 63 | 63 | 128.02 | ○ | ○ | ○ | 131 | 131 | 266.19 | ○ | ○ | — | (D)250 | 250 | 508.00 | ○ | ○ | ○ | 430 | 430 | 873.76 | — | ○ | ○ |
| 65 | 65 | 132.08 | ○ | ○ | ○ | 132 | 132 | 268.22 | ○ | ○ | — | 255 | 255 | 518.16 | — | ○ | ○ | 434 | 434 | 881.89 | ○ | ○ | — |
| 66 | 66 | 134.11 | ○ | ○ | — | 134 | 134 | 272.29 | ○ | ○ | — | (D)256 | 256 | 520.19 | ○ | ○ | ○ | (D)435 | 435 | 883.92 | ○ | ○ | — |
| 67 | 67 | 136.14 | ○ | ○ | ○ | 135 | 135 | 274.32 | ○ | ○ | ○ | (D)260 | 260 | 528.32 | ○ | ○ | ○ | (D)436 | 436 | 885.95 | ○ | ○ | — |
| 68 | 68 | 138.18 | ○ | ○ | ○ | 138 | 138 | 280.42 | ○ | ○ | ○ | (D)262 | 262 | 532.38 | ○ | ○ | ○ | (D)438 | 438 | 890.02 | ○ | ○ | — |
| 70 | 70 | 142.24 | ○ | ○ | ○ | 140 | 140 | 284.48 | ○ | ○ | ○ | (D)265 | 265 | 538.48 | ○ | ○ | ○ | 442 | 442 | 898.14 | ○ | ○ | — |
| 71 | 71 | 144.27 | ○ | ○ | ○ | 142 | 142 | 288.54 | ○ | ○ | ○ | (D)270 | 270 | 548.64 | ○ | ○ | ○ | (D)448 | 448 | 910.34 | ○ | ○ | — |
| 72 | 72 | 146.30 | ○ | ○ | ○ | 144 | 144 | 292.61 | ○ | ○ | ○ | (D)273 | 273 | 554.74 | ○ | ○ | ○ | (D)453 | 453 | 920.50 | ○ | ○ | — |
| 73 | 73 | 148.34 | ○ | ○ | ○ | (D)145 | 145 | 294.64 | ○ | ○ | ○ | (D)275 | 275 | 558.80 | ○ | ○ | ○ | (D)464 | 464 | 942.85 | ○ | ○ | — |
| 74 | 74 | 150.37 | ○ | ○ | ○ | (D)146 | 146 | 296.67 | ○ | ○ | ○ | 277 | 277 | 562.86 | — | ○ | ○ | 474 | 474 | 963.17 | — | ○ | ○ |
| 75 | 75 | 152.40 | ○ | ○ | ○ | (D)147 | 147 | 298.70 | ○ | ○ | — | (D)278 | 278 | 564.90 | ○ | ○ | ○ | 475 | 475 | 965.20 | ○ | ○ | — |
| 76 | 76 | 154.43 | ○ | ○ | — | (D)148 | 148 | 300.74 | ○ | ○ | ○ | 279 | 279 | 566.93 | ○ | ○ | ○ | 478 | 478 | 971.30 | ○ | ○ | — |
| 77 | 77 | 156.46 | ○ | ○ | ○ | (D)150 | 150 | 304.80 | ○ | ○ | ○ | (D)280 | 280 | 568.96 | ○ | ○ | ○ | 487 | 487 | 989.58 | ○ | ○ | — |
| 78 | 78 | 158.50 | ○ | ○ | ○ | (D)152 | 152 | 308.86 | ○ | ○ | — | (D)281 | 281 | 570.99 | ○ | ○ | ○ | 498 | 498 | 1011.94 | ○ | ○ | — |
| 79 | 79 | 160.53 | ○ | ○ | — | (D)154 | 154 | 312.93 | ○ | ○ | — | (D)285 | 285 | 579.12 | ○ | ○ | ○ | 500 | 500 | 1016.00 | ○ | ○ | ○ |
| 80 | 80 | 162.56 | ○ | ○ | ○ | (D)155 | 155 | 314.96 | ○ | ○ | ○ | (D)288 | 288 | 585.22 | ○ | ○ | ○ | 503 | 503 | 1022.10 | ○ | ○ | — |
| 81 | 81 | 164.59 | ○ | ○ | ○ | (D)156 | 156 | 316.99 | ○ | ○ | ○ | (D)290 | 290 | 589.28 | ○ | ○ | ○ | 507 | 507 | 1030.22 | ○ | ○ | — |
| 82 | 82 | 166.62 | ○ | ○ | ○ | (D)158 | 158 | 321.06 | ○ | ○ | ○ | (D)295 | 295 | 599.44 | ○ | ○ | ○ | 508 | 508 | 1032.26 | ○ | ○ | — |
| 83 | 83 | 168.66 | ○ | ○ | ○ | (D)160 | 160 | 325.12 | ○ | ○ | ○ | 296 | 296 | 601.47 | ○ | ○ | ○ | 515 | 515 | 1046.48 | ○ | ○ | ○ |
| 85 | 85 | 172.72 | ○ | ○ | ○ | (D)162 | 162 | 329.18 | ○ | ○ | — | (D)297 | 297 | 603.50 | ○ | ○ | — | 516 | 516 | 1048.51 | ○ | ○ | — |
| 86 | 86 | 174.75 | ○ | ○ | — | (D)165 | 165 | 335.28 | ○ | ○ | ○ | (D)300 | 300 | 609.60 | ○ | ○ | ○ | 520 | 520 | 1056.64 | ○ | ○ | — |
| 87 | 87 | 176.78 | ○ | ○ | ○ | (D)170 | 170 | 345.44 | ○ | ○ | ○ | 304 | 304 | 617.73 | ○ | ○ | ○ | 525 | 525 | 1066.80 | ○ | ○ | — |
| 88 | 88 | 178.82 | ○ | ○ | ○ | (D)175 | 175 | 355.60 | ○ | ○ | ○ | (D)305 | 305 | 619.76 | ○ | ○ | ○ | 535 | 535 | 1087.12 | ○ | ○ | — |
| 89 | 89 | 180.85 | ○ | ○ | ○ | (D)180 | 180 | 365.76 | ○ | ○ | ○ | (D)310 | 310 | 629.92 | ○ | ○ | ○ | 537 | 537 | 1091.18 | ○ | ○ | — |
| 90 | 90 | 182.88 | ○ | ○ | ○ | (D)184 | 184 | 373.89 | ○ | ○ | ○ | (D)312 | 312 | 633.98 | ○ | ○ | ○ | 550 | 550 | 1117.60 | ○ | ○ | — |
| 91 | 91 | 184.91 | ○ | ○ | ○ | (D)185 | 185 | 375.92 | ○ | ○ | ○ | (D)315 | 315 | 640.08 | ○ | ○ | ○ | 569 | 569 | 1156.21 | ○ | ○ | — |
| 92 | 92 | 186.94 | ○ | ○ | — | (D)186 | 186 | 377.95 | ○ | ○ | ○ | (D)318 | 318 | 646.18 | ○ | ○ | ○ | 591 | 591 | 1200.91 | ○ | ○ | — |
| 93 | 93 | 188.98 | ○ | ○ | ○ | (D)187 | 187 | 379.98 | ○ | ○ | — | (D)320 | 320 | 650.24 | ○ | ○ | ○ | 650 | 650 | 1320.80 | ○ | ○ | — |
| 94 | 94 | 191.01 | ○ | ○ | ○ | (D)190 | 190 | 386.08 | ○ | ○ | ○ | (D)324 | 324 | 658.37 | ○ | ○ | ○ | 705 | 705 | 1432.56 | ○ | ○ | — |
| 95 | 95 | 193.04 | ○ | ○ | ○ | (D)192 | 192 | 390.14 | ○ | ○ | — | (D)330 | 330 | 670.56 | ○ | ○ | ○ | 772 | 772 | 1568.70 | ○ | ○ | — |
| 96 | 96 | 195.07 | ○ | ○ | — | (D)194 | 194 | 394.21 | ○ | ○ | — | (D)332 | 332 | 674.62 | ○ | ○ | ○ | | | | | | |
| 97 | 97 | 197.10 | ○ | ○ | ○ | (D)195 | 195 | 396.24 | ○ | ○ | ○ | (D)334 | 334 | 678.69 | ○ | ○ | ○ | | | | | | |
| 98 | 98 | 199.14 | ○ | ○ | ○ | (D)198 | 198 | 402.34 | ○ | ○ | ○ | (D)336 | 336 | 682.75 | ○ | ○ | ○ | | | | | | |
| 99 | 99 | 201.17 | ○ | ○ | — | (D)200 | 200 | 406.40 | ○ | ○ | ○ | (D)337 | 337 | 684.78 | ○ | ○ | ○ | | | | | | |
| 100 | 100 | 203.20 | ○ | ○ | ○ | (D)203 | 203 | 412.50 | ○ | ○ | — | (D)338 | 338 | 686.82 | ○ | ○ | ○ | | | | | | |
| 101 | 101 | 205.23 | ○ | ○ | ○ | (D)205 | 205 | 416.56 | ○ | ○ | ○ | (D)339 | 339 | 688.85 | ○ | ○ | ○ | | | | | | |
| 102 | 102 | 207.26 | ○ | ○ | ○ | 208 | 208 | 422.66 | ○ | ○ | — | (D)340 | 340 | 690.88 | ○ | ○ | ○ | | | | | | |
| 103 | 103 | 209.30 | ○ | ○ | ○ | (D)210 | 210 | 426.72 | ○ | ○ | ○ | (D)344 | 344 | 699.01 | ○ | ○ | ○ | | | | | | |
| 104 | 104 | 211.33 | ○ | ○ | ○ | (D)212 | 212 | 430.78 | ○ | ○ | ○ | (D)347 | 347 | 705.10 | ○ | ○ | ○ | | | | | | |
| 105 | 105 | 213.36 | ○ | ○ | ○ | 215 | 215 | 436.88 | ○ | ○ | — | (D)348 | 348 | 707.14 | ○ | ○ | ○ | | | | | | |

●受注生産扱いですがご注文の際は念の為に在庫確認してください。
●(D)印はダブルタイミングベルトGタイプの標準サイズです。標準サイズ以外のサイズについては当社までお問い合わせください。

表3-② ベルト断面寸法と呼称

| 種 類 | XL・DXL | | L・DL | H・DH |
|----------|--|--|--|--|
| ベルトの標準寸法 | <div><div>Gタイプ</div><div>Uタイプ</div></div> | | <div><div>Gタイプ</div><div>Uタイプ</div></div> | <div>Gタイプのみ</div> |
| ベルト呼称 | <div><div>160 (D) XL 037</div><div>ベルト呼び幅(インチ)×100=0.37インチ(9.5mm)</div><div>ベルト形=XL形 ダブルタイミングベルトの場合は、DXL</div><div>ベルト呼び長さ(インチ)×10=16インチ(406.40mm)</div></div> | | <div><div>510 (D) L 100</div><div>ベルト呼び幅(インチ)×100=1インチ(25.4mm)</div><div>ベルト形=L形 ダブルタイミングベルトの場合は、DL</div><div>ベルト呼び長さ(インチ)×10=51インチ(1295.40mm)</div></div> | <div><div>510 (D) H 100</div><div>ベルト呼び幅(インチ)×100=1インチ(25.4mm)</div><div>ベルト形=H形 ダブルタイミングベルトの場合は、DH</div><div>ベルト呼び長さ(インチ)×10=51インチ(1295.40mm)</div></div> |

表4-② 標準ベルトサイズ表

| ベルト形 ピッチ | XL | | | | | | L | | | | | | H | | | | | |
|-------------|--|------------------|-------|------------|-----|------------------|---|-----------|-----|------------------|-------|------------|---|------------------|-------|---------|-----|------------------|
| | 5.08(mm) | | | | | | 9.525(mm) | | | | | | 12.700(mm) | | | | | |
| ベルト呼び幅 | 025(6.4mm) 031(7.9mm) 037(9.5mm) 050(12.7mm) | | | | | | 050(12.7mm) 075(19.1mm) 100(25.4mm) 150(38.1mm) | | | | | | 075(19.1mm) 100(25.4mm) 150(38.1mm) 200(50.8mm) 300(76.2mm) | | | | | |
| ベルト呼び長さ | 歯 数 | ベルトピッチ 周長(mm) | 製造の可否 | ベルト呼び長さ | 歯 数 | ベルトピッチ 周長(mm) | 製造の可否 | ベルト呼び長さ | 歯 数 | ベルトピッチ 周長(mm) | 製造の可否 | ベルト呼び長さ | 歯 数 | ベルトピッチ 周長(mm) | 製造の可否 | ベルト呼び長さ | 歯 数 | ベルトピッチ 周長(mm) |
| | | | G U | | | G U | | | | G U | | | | G U | | | | |
| 60 XL | 30 | 152.40 | ○ | (D) 196 XL | 98 | 497.84 | ○ | 109 L | 29 | 276.23 | ○ | 225 H | 45 | 571.50 | | | | |
| 64 XL | 32 | 162.56 | ○ | (D) 198 XL | 99 | 502.92 | ○ | 124 L | 33 | 314.33 | ○ | 230 H | 46 | 584.20 | | | | |
| 66 XL | 33 | 167.64 | ○ | (D) 200 XL | 100 | 508.00 | ○ | 135 L | 36 | 342.90 | ○ | (D) 240 H | 48 | 609.60 | | | | |
| 68 XL | 34 | 172.72 | ○ | (D) 202 XL | 101 | 513.08 | ○ | 150 L | 40 | 381.00 | ○ | (D) 245 H | 49 | 622.30 | | | | |
| 70 XL | 35 | 177.80 | ○ | (D) 204 XL | 102 | 518.16 | ○ | 165 L | 44 | 419.10 | ○ | (D) 255 H | 51 | 647.70 | | | | |
| 74 XL | 37 | 187.96 | ○ | (D) 206 XL | 103 | 523.24 | ○ | 173 L | 46 | 438.15 | ○ | (D) 270 H | 54 | 685.80 | | | | |
| 76 XL | 38 | 193.04 | ○ | (D) 210 XL | 105 | 533.40 | ○ | 180 L | 48 | 457.20 | ○ | (D) 280 H | 56 | 711.20 | | | | |
| 78 XL | 39 | 198.12 | ○ | (D) 212 XL | 106 | 538.48 | ○ | 187 L | 50 | 476.25 | ○ | (D) 300 H | 60 | 762.00 | | | | |
| 80 XL | 40 | 203.20 | ○ | (D) 216 XL | 108 | 548.64 | ○ | (D) 210 L | 56 | 533.40 | ○ | (D) 310 H | 62 | 787.40 | | | | |
| 82 XL | 41 | 208.28 | ○ | (D) 218 XL | 109 | 553.72 | ○ | (D) 217 L | 58 | 552.45 | ○ | (D) 315 H | 63 | 800.10 | | | | |
| 84 XL | 42 | 213.36 | ○ | (D) 220 XL | 110 | 558.80 | ○ | (D) 225 L | 60 | 571.50 | ○ | (D) 320 H | 64 | 812.80 | | | | |
| 86 XL | 43 | 218.44 | ○ | (D) 224 XL | 112 | 568.96 | ○ | (D) 232 L | 62 | 590.55 | ○ | (D) 330 H | 66 | 838.20 | | | | |
| 88 XL | 44 | 223.52 | ○ | (D) 228 XL | 114 | 579.12 | ○ | (D) 240 L | 64 | 609.60 | ○ | (D) 340 H | 68 | 863.60 | | | | |
| 90 XL | 45 | 228.60 | ○ | (D) 230 XL | 115 | 584.20 | ○ | (D) 255 L | 68 | 647.70 | ○ | (D) 350 H | 70 | 889.00 | | | | |
| 92 XL | 46 | 233.68 | ○ | (D) 234 XL | 117 | 594.36 | ○ | (D) 265 L | 71 | 676.28 | ○ | (D) 360 H | 72 | 914.40 | | | | |
| 94 XL | 47 | 238.76 | ○ | (D) 236 XL | 118 | 599.44 | ○ | (D) 270 L | 72 | 685.80 | ○ | (D) 370 H | 74 | 939.80 | | | | |
| 96 XL | 48 | 243.84 | ○ | (D) 240 XL | 120 | 609.60 | ○ | (D) 277 L | 74 | 704.85 | ○ | (D) 375 H | 75 | 952.50 | | | | |
| 98 XL | 49 | 248.92 | ○ | (D) 250 XL | 125 | 635.00 | ○ | (D) 285 L | 76 | 723.90 | ○ | (D) 390 H | 78 | 990.60 | | | | |
| 100 XL | 50 | 254.00 | ○ | (D) 254 XL | 127 | 645.16 | ○ | (D) 300 L | 80 | 762.00 | ○ | (D) 400 H | 80 | 1016.00 | | | | |
| 102 XL | 51 | 259.08 | ○ | (D) 260 XL | 130 | 660.40 | ○ | (D) 320 L | 85 | 809.63 | ○ | (D) 410 H | 82 | 1041.40 | | | | |
| 104 XL | 52 | 264.16 | ○ | (D) 266 XL | 133 | 675.64 | ○ | 304 L | 81 | 771.53 | ○ | (D) 420 H | 84 | 1066.80 | | | | |
| 106 XL | 53 | 269.24 | ○ | (D) 270 XL | 135 | 685.80 | ○ | (D) 322 L | 86 | 819.15 | ○ | (D) 430 H | 86 | 1092.20 | | | | |
| 108 XL | 54 | 274.32 | ○ | (D) 276 XL | 138 | 701.04 | ○ | (D) 334 L | 89 | 847.73 | ○ | (D) 450 H | 90 | 1143.00 | | | | |
| 110 XL | 55 | 279.40 | ○ | (D) 280 XL | 140 | 711.20 | ○ | (D) 337 L | 90 | 857.25 | ○ | (D) 465 H | 93 | 1181.10 | | | | |
| 112 XL | 56 | 284.48 | ○ | (D) 282 XL | 141 | 716.28 | ○ | (D) 345 L | 92 | 876.30 | ○ | (D) 480 H | 96 | 1219.20 | | | | |
| 114 XL | 57 | 289.56 | ○ | (D) 288 XL | 144 | 731.52 | ○ | (D) 360 L | 96 | 914.40 | ○ | (D) 490 H | 98 | 1244.60 | | | | |
| 116 XL | 58 | 294.64 | ○ | (D) 290 XL | 145 | 736.60 | ○ | (D) 367 L | 98 | 933.45 | ○ | (D) 510 H | 102 | 1295.40 | | | | |
| 118 XL | 59 | 299.72 | ○ | (D) 300 XL | 150 | 762.00 | ○ | (D) 375 L | 100 | 952.50 | ○ | (D) 530 H | 106 | 1346.20 | | | | |
| 120 XL | 60 | 304.80 | ○ | (D) 310 XL | 155 | 787.40 | ○ | (D) 382 L | 102 | 971.55 | ○ | (D) 540 H | 108 | 1371.60 | | | | |
| 122 XL | 61 | 309.88 | ○ | (D) 314 XL | 157 | 797.56 | ○ | (D) 390 L | 104 | 990.60 | ○ | (D) 560 H | 112 | 1422.40 | | | | |
| 124 XL | 62 | 314.96 | ○ | (D) 320 XL | 160 | 812.80 | ○ | (D) 394 L | 105 | 1000.13 | ○ | (D) 570 H | 114 | 1447.80 | | | | |
| 126 XL | 63 | 320.04 | ○ | (D) 330 XL | 165 | 838.20 | ○ | (D) 398 L | 106 | 1009.65 | ○ | (D) 600 H | 120 | 1524.00 | | | | |
| 128 XL | 64 | 325.12 | ○ | (D) 332 XL | 166 | 843.28 | ○ | (D) 420 L | 112 | 1066.80 | ○ | (D) 605 H | 121 | 1536.70 | | | | |
| 130 XL | 65 | 330.20 | ○ | (D) 340 XL | 170 | 863.60 | ○ | (D) 427 L | 114 | 1085.85 | ○ | (D) 625 H | 125 | 1587.50 | | | | |
| 134 XL | 67 | 340.36 | ○ | (D) 348 XL | 174 | 883.92 | ○ | (D) 435 L | 116 | 1104.90 | ○ | (D) 630 H | 126 | 1600.20 | | | | |
| 136 XL | 68 | 345.44 | ○ | (D) 352 XL | 176 | 894.08 | ○ | (D) 450 L | 120 | 1143.00 | ○ | (D) 640 H | 128 | 1625.60 | | | | |
| 138 XL | 69 | 350.52 | ○ | (D) 360 XL | 180 | 914.40 | ○ | (D) 454 L | 121 | 1152.53 | ○ | (D) 650 H | 130 | 1651.00 | | | | |
| 140 XL | 70 | 355.60 | ○ | 370 XL | 185 | 939.80 | ○ | (D) 480 L | 128 | 1219.20 | ○ | (D) 660 H | 132 | 1676.40 | | | | |
| 142 XL | 71 | 360.68 | ○ | 376 XL | 188 | 955.04 | ○ | (D) 510 L | 136 | 1295.40 | ○ | (D) 680 H | 136 | 1727.20 | | | | |
| 144 XL | 72 | 365.76 | ○ | 384 XL | 192 | 975.36 | ○ | (D) 525 L | 140 | 1333.50 | ○ | (D) 700 H | 140 | 1778.00 | | | | |
| 146 XL | 73 | 370.84 | ○ | 388 XL | 194 | 985.52 | ○ | (D) 540 L | 144 | 1371.60 | ○ | (D) 730 H | 146 | 1854.20 | | | | |
| 148 XL | 74 | 375.92 | ○ | 390 XL | 195 | 990.60 | ○ | (D) 548 L | 146 | 1390.65 | ○ | (D) 750 H | 150 | 1905.00 | | | | |
| (D) 150 XL | 75 | 381.00 | ○ | 396 XL | 198 | 1005.84 | ○ | (D) 581 L | 155 | 1476.38 | ○ | (D) 770 H | 154 | 1955.80 | | | | |
| (D) 152 XL | 76 | 386.08 | ○ | 414 XL | 207 | 1051.56 | ○ | (D) 600 L | 160 | 1524.00 | ○ | (D) 800 H | 160 | 2032.00 | | | | |
| (D) 154 XL | 77 | 391.16 | ○ | 424 XL | 212 | 1076.96 | ○ | (D) 630 L | 168 | 1600.20 | ○ | (D) 810 H | 162 | 2057.40 | | | | |
| (D) 156 XL | 78 | 396.24 | ○ | 460 XL | 230 | 1168.40 | ○ | (D) 653 L | 174 | 1657.35 | ○ | (D) 840 H | 168 | 2133.60 | | | | |
| (D) 158 XL | 79 | 401.32 | ○ | 478 XL | 239 | 1214.12 | ○ | 660 L | 176 | 1676.40 | ○ | (D) 850 H | 170 | 2159.00 | | | | |
| (D) 160 XL | 80 | 406.40 | ○ | 480 XL | 240 | 1219.20 | ○ | 697 L | 186 | 1771.65 | ○ | (D) 860 H | 172 | 2184.40 | | | | |
| (D) 162 XL | 81 | 411.48 | ○ | 490 XL | 245 | 1244.60 | ○ | 731 L | 195 | 1857.37 | ○ | (D) 880 H | 176 | 2235.20 | | | | |
| (D) 164 XL | 82 | 416.56 | ○ | 512 XL | 256 | 1300.48 | ○ | 934 L | 249 | 2371.72 | ○ | (D) 900 H | 180 | 2286.00 | | | | |
| (D) 166 XL | 83 | 421.64 | ○ | 522 XL | 261 | 1325.88 | ○ | | | | | (D) 950 H | 190 | 2413.00 | | | | |
| (D) 168 XL | 84 | 426.72 | ○ | 532 XL | 266 | 1351.28 | ○ | | | | | (D) 1000 H | 200 | 2540.00 | | | | |
| (D) 170 XL | 85 | 431.80 | ○ | 540 XL | 270 | 1371.60 | ○ | | | | | (D) 1100 H | 220 | 2794.00 | | | | |
| (D) 172 XL | 86 | 436.88 | ○ | 544 XL | 272 | 1381.76 | ○ | | | | | (D) 1120 H | 224 | 2844.80 | | | | |
| (D) 174 XL | 87 | 441.96 | ○ | 550 XL | 275 | 1397.00 | ○ | | | | | (D) 1130 H | 226 | 2870.20 | | | | |
| (D) 176 XL | 88 | 447.04 | ○ | 552 XL | 276 | 1402.08 | ○ | | | | | (D) 1160 H | 232 | 2946.40 | | | | |
| (D) 178 XL | 89 | 452.12 | ○ | 564 XL | 282 | 1432.56 | ○ | | | | | (D) 1250 H | 250 | 3175.00 | | | | |
| (D) 180 XL | 90 | 457.20 | ○ | 592 XL | 296 | 1503.68 | ○ | | | | | (D) 1285 H | 257 | 3263.90 | | | | |
| (D) 182 XL | 91 | 462.28 | ○ | 600 XL | 300 | 1524.00 | ○ | | | | | (D) 1325 H | 265 | 3365.50 | | | | |
| (D) 184 XL | 92 | 467.36 | ○ | 616 XL | 308 | 1564.64 | ○ | | | | | (D) 1345 H | 269 | 3416.30 | | | | |
| (D) 186 XL | 93 | 472.44 | ○ | 630 XL | 315 | 1600.20 | ○ | | | | | (D) 1350 H | 270 | 3429.00 | | | | |
| (D) 188 XL | 94 | 477.52 | ○ | 670 XL | 335 | 1701.80 | ○ | | | | | (D) 1360 H | 272 | 3454.40 | | | | |
| (D) 190 XL | 95 | 482.60 | ○ | 754 XL | 377 | 1915.16 | ○ | | | | | (D) 1400 H | 280 | 3556.00 | | | | |
| (D) 192 XL | 96 | 487.68 | ○ | 828 XL | 414 | 2103.12 | ○ | | | | | (D) 1700 H | 340 | 4318.00 | | | | |
| (D) 194 XL | 97 | 492.76 | ○ | 860 XL | 430 | 2184.40 | ○ | | | | | (D) 1765 H | 353 | 4483.10 | | | | |

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Timing Belt Type G & Type U ■設計資料編

標準ベルトサイズ

表3-③ ベルト断面寸法と呼称

| 種 類 | XH | XXH | T5・DT5 | T10・DT10 |
|----------|---|---|---|--|
| ベルトの標準寸法 | | | | |
| ベルトの呼称 | 1120 XH 300 ベルト呼び幅(インチ)×100=3インチ(76.2mm) ベルト形=XH形 ベルト呼び長さ×10=112(2844.80mm) | 1200XXH 500 ベルト呼び幅(インチ)×100=5インチ(127.0mm) ベルト形=XXH形 ベルト呼び長さ×10=120(3048.00mm) | T(DT)5-20-100 ベルト歯数=100 ベルト幅=20mm ベルト形=T5形 ダブルタイミングベルトの場合はDT5形 | T(DT)10-20-100 ベルト歯数=100 ベルト幅=20mm ベルト形=T10形 ダブルタイミングベルトの場合はDT10形 |

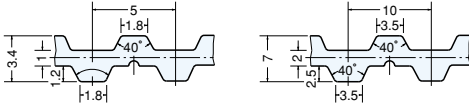
表4-③ 標準ベルトサイズ表

| ベルト形 | XH | | XXH | | T5(DT5) | | | | T10(DT10) | | | | |
|---------|---|------------------|---|-----|---|---------|-------------------|---------|--|---------|-------------------|---------|-------------------|
| ピ ッ チ | 22.225 (mm) | | 31.750 (mm) | | 5.0 (mm) | | | | 10.0 (mm) | | | | |
| ベルト呼び幅 | 200(50.8mm) 300(76.2mm) 400(101.6mm) 500(127.0mm) 600(152.4mm) | | 200(50.8mm) 300(76.2mm) 400(101.6mm) 500(127.0mm) 600(152.4mm) | | 05(5.0mm) 10(10.0mm) 15(15.0mm) 20(20.0mm) | | | | 15(15.0mm) 20(20.0mm) 25(25.0mm) 30(30.0mm) 40(40.0mm) 50(50.0mm) | | | | |
| ベルト呼び長さ | 歯 数 | ベルトピッチ周長 (mm) | ベルト呼び長さ | 歯 数 | ベルトピッチ周長 (mm) | 歯 数 | ベルトピッチ 周長 (mm) | 歯 数 | ベルトピッチ 周長 (mm) | 歯 数 | ベルトピッチ 周長 (mm) | 歯 数 | ベルトピッチ 周長 (mm) |
| 463 XH | 53 | 1177.93 | 700 XXH | 56 | 1778.00 | 33 | 165 | 112 | 560 | 37 | 370 | (D) 120 | 1200 |
| 507 XH | 58 | 1289.05 | 800 XXH | 64 | 2032.00 | 37 | 185 | 115 | 575 | 40 | 400 | (D) 121 | 1210 |
| 560 XH | 64 | 1422.40 | 900 XXH | 72 | 2286.00 | 40 | 200 | (D) 118 | 590 | 41 | 410 | (D) 124 | 1240 |
| 630 XH | 72 | 1600.20 | 1000 XXH | 80 | 2540.00 | 43 | 215 | (D) 120 | 600 | 44 | 440 | (D) 125 | 1250 |
| 700 XH | 80 | 1778.00 | 1200 XXH | 96 | 3048.00 | 44 | 220 | 122 | 610 | 45 | 450 | (D) 130 | 1300 |
| 735 XH | 84 | 1866.90 | 1400 XXH | 112 | 3556.00 | 45 | 225 | (D) 124 | 620 | 50 | 500 | (D) 132 | 1320 |
| 770 XH | 88 | 1955.80 | 1600 XXH | 128 | 4064.00 | 49 | 245 | 125 | 625 | (D) 53 | 530 | (D) 135 | 1350 |
| 840 XH | 96 | 2133.60 | 1800 XXH | 144 | 4572.00 | 50 | 250 | 126 | 630 | 55 | 550 | 139 | 1390 |
| 927 XH | 106 | 2355.85 | | | | 51 | 255 | (D) 130 | 650 | 56 | 560 | (D) 140 | 1400 |
| 980 XH | 112 | 2489.20 | | | | 52 | 260 | 132 | 660 | (D) 60 | 600 | (D) 142 | 1420 |
| 1120 XH | 128 | 2844.80 | | | | 54 | 270 | 135 | 675 | 61 | 610 | 145 | 1450 |
| 1260 XH | 144 | 3200.40 | | | | 55 | 275 | 138 | 690 | (D) 63 | 630 | 146 | 1460 |
| 1400 XH | 160 | 3556.00 | | | | 56 | 280 | (D) 140 | 700 | 65 | 650 | (D) 150 | 1500 |
| 1540 XH | 176 | 3911.60 | | | | 59 | 295 | 144 | 720 | (D) 66 | 660 | 156 | 1560 |
| 1750 XH | 200 | 4445.00 | | | | (D) 60 | 300 | 145 | 725 | 69 | 690 | (D) 160 | 1600 |
| | | | | | | 61 | 305 | (D) 150 | 750 | (D) 70 | 700 | (D) 161 | 1610 |
| | | | | | | 65 | 325 | 156 | 780 | (D) 72 | 720 | (D) 170 | 1700 |
| | | | | | | 66 | 330 | (D) 160 | 800 | (D) 75 | 750 | 175 | 1750 |
| | | | | | | 68 | 340 | 163 | 815 | 78 | 780 | 178 | 1780 |
| | | | | | | (D) 70 | 350 | 168 | 840 | (D) 80 | 800 | (D) 180 | 1800 |
| | | | | | | 71 | 355 | (D) 170 | 850 | 81 | 810 | (D) 188 | 1880 |
| | | | | | | 72 | 360 | (D) 172 | 860 | (D) 84 | 840 | 196 | 1960 |
| | | | | | | 73 | 365 | (D) 180 | 900 | 85 | 850 | 225 | 2250 |
| | | | | | | 75 | 375 | (D) 188 | 940 | 88 | 880 | | |
| | | | | | | 78 | 390 | 195 | 975 | 89 | 890 | | |
| | | | | | | (D) 80 | 400 | 198 | 990 | (D) 90 | 900 | | |
| | | | | | | (D) 82 | 410 | 200 | 1000 | 91 | 910 | | |
| | | | | | | 84 | 420 | 215 | 1075 | 92 | 920 | | |
| | | | | | | 85 | 425 | 218 | 1090 | 95 | 950 | | |
| | | | | | | 88 | 440 | (D) 220 | 1100 | 96 | 960 | | |
| | | | | | | 89 | 445 | 223 | 1115 | 97 | 970 | | |
| | | | | | | (D) 90 | 450 | (D) 228 | 1140 | (D) 98 | 980 | | |
| | | | | | | 91 | 455 | 243 | 1215 | (D) 100 | 1000 | | |
| | | | | | | (D) 92 | 460 | 270 | 1350 | 101 | 1010 | | |
| | | | | | | 95 | 475 | 276 | 1380 | 105 | 1050 | | |
| | | | | | | (D) 96 | 480 | 288 | 1440 | 108 | 1080 | | |
| | | | | | | (D) 100 | 500 | | | (D) 110 | 1100 | | |
| | | | | | | 102 | 510 | | | 111 | 1110 | | |
| | | | | | | 105 | 525 | | | 114 | 1140 | | |
| | | | | | | 109 | 545 | | | 115 | 1150 | | |
| | | | | | | (D) 110 | 550 | | | | | | |

ダブルタイミングベルトの歯形状

DT-5

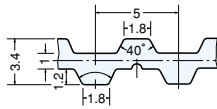
DT-10



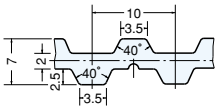
(単位 : mm)

ダブルタイミングベルトの歯形状

DT-5

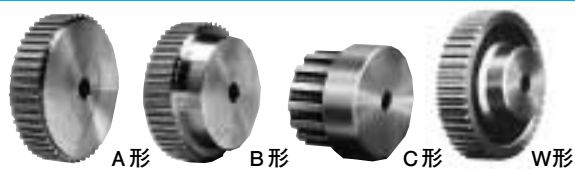


DT-10



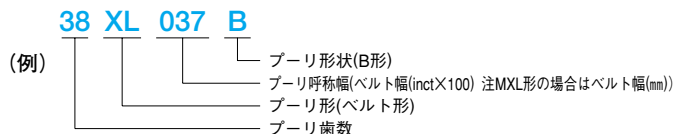
(単位: mm)

サイズ表 (D) 印はDT形もあります。



■ プーリの呼称

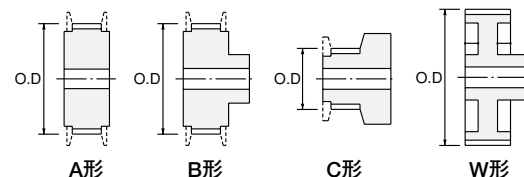
プーリの呼称



MXLのプーリ呼称はサイズ呼称の前に“P”のプーリ記号をつける

(例) P 26 MXL 6.4B

尚T51 T10はP17参照



標準プーリはISO規格に準拠したインボリュート歯形になっています。

表5 標準プーリサイズ表(各プーリ詳細寸法についてはページT89～T98をご参照ください)

| MXL棒状 | | | | | |
|-------|-------------|-------------|--------------|--------|--|
| 歯 数 | P D (mm) | O D (mm) | プーリ呼称 | 長さ(mm) | 材 質 |
| 10 | 6.47 | 5.96 | P 10 MXL 100 | 100 | 高 力 ア ル ミ ニ ウ ム 合 金 |
| 11 | 7.11 | 6.61 | P 11 MXL 100 | | |
| 12 | 7.76 | 7.25 | P 12 MXL 100 | | |
| 13 | 8.41 | 7.90 | P 13 MXL 100 | | |
| 14 | 9.06 | 8.55 | P 14 MXL 100 | | |
| 15 | 9.70 | 9.19 | P 15 MXL 100 | | |
| 16 | 10.35 | 9.84 | P 16 MXL 100 | | |
| 17 | 11.00 | 10.49 | P 17 MXL 100 | | |
| 18 | 11.64 | 11.13 | P 18 MXL 100 | | |
| 19 | 12.29 | 11.78 | P 19 MXL 100 | | |
| 20 | 12.94 | 12.43 | P 20 MXL 100 | | |
| 21 | 13.58 | 13.07 | P 21 MXL 100 | | |
| 22 | 14.23 | 13.72 | P 22 MXL 100 | | |
| 23 | 14.88 | 14.37 | P 23 MXL 100 | | |
| 24 | 15.52 | 15.02 | P 24 MXL 100 | | |
| 25 | 16.17 | 15.66 | P 25 MXL 100 | | |
| 26 | 16.82 | 16.31 | P 26 MXL 100 | | |
| 27 | 17.46 | 16.96 | P 27 MXL 100 | | |
| 28 | 18.11 | 17.60 | P 28 MXL 100 | | |
| 30 | 19.40 | 18.90 | P 30 MXL 100 | | |
| 32 | 20.70 | 20.19 | P 32 MXL 100 | 100 | 高 力 ア ル ミ ニ ウ ム 合 金 |
| 34 | 21.99 | 21.48 | P 34 MXL 100 | | |
| 36 | 23.29 | 22.78 | P 36 MXL 100 | | |
| 38 | 24.58 | 24.07 | P 38 MXL 100 | | |
| 40 | 25.87 | 25.36 | P 40 MXL 100 | | |
| 42 | 27.17 | 26.66 | P 42 MXL 100 | | |
| 44 | 28.46 | 27.95 | P 44 MXL 100 | | |
| 46 | 29.75 | 29.25 | P 46 MXL 100 | | |
| 48 | 31.05 | 30.54 | P 48 MXL 100 | | |
| 50 | 32.34 | 31.83 | P 50 MXL 100 | | |
| 52 | 33.63 | 33.13 | P 52 MXL 100 | | |
| 54 | 34.93 | 34.42 | P 54 MXL 100 | | |
| 56 | 36.22 | 35.71 | P 56 MXL 100 | | |
| 60 | 38.81 | 38.30 | P 60 MXL 100 | | |
| 64 | 41.40 | 40.89 | P 64 MXL 100 | | |
| 70 | 45.28 | 44.77 | P 70 MXL 100 | | |
| 72 | 46.57 | 46.06 | P 72 MXL 100 | | |
| 80 | 51.74 | 51.24 | P 80 MXL 100 | | |
| 84 | 54.33 | 53.82 | P 84 MXL 100 | | |
| 96 | 62.09 | 61.59 | P 96 MXL 100 | | |
| 100 | 64.68 | 64.17 | P100 MXL 100 | 100 | 高 力 ア ル ミ ニ ウ ム 合 金 |
| 120 | 77.62 | 77.11 | P120 MXL 100 | | |

●MXL形標準プーリは棒状で在庫しています。

●ご要望に応じ当社にて標準プーリに加工いたします。

表 6-①

| MXL ベルト幅—6.4mm用 | | | | | |
|-----------------|-----|--|-------------|-------------|--------------|
| 歯 数 | 形 状 | 材 質 | P D (mm) | O D (mm) | プーリ呼称 |
| 20 | B | 高 力 ア ル ミ ニ ウ ム 合 金 | 12.94 | 12.43 | P 20 MXL 6.4 |
| 21 | B | | 13.58 | 13.07 | P 21 MXL 6.4 |
| 22 | B | | 14.23 | 13.72 | P 22 MXL 6.4 |
| 23 | B | | 14.88 | 14.37 | P 23 MXL 6.4 |
| 24 | B | | 15.52 | 15.02 | P 24 MXL 6.4 |
| 25 | B | | 16.17 | 15.66 | P 25 MXL 6.4 |
| 26 | B | | 16.82 | 16.31 | P 26 MXL 6.4 |
| 27 | B | | 17.46 | 16.96 | P 27 MXL 6.4 |
| 28 | B | | 18.11 | 17.60 | P 28 MXL 6.4 |
| 30 | B | | 19.40 | 18.90 | P 30 MXL 6.4 |
| 32 | B | | 20.70 | 20.19 | P 32 MXL 6.4 |
| 36 | B | | 23.29 | 22.78 | P 36 MXL 6.4 |
| 40 | B | | 25.87 | 25.36 | P 40 MXL 6.4 |
| 48 | B | | 31.05 | 30.54 | P 48 MXL 6.4 |
| 60 | B | | 38.81 | 38.30 | P 60 MXL 6.4 |
| 72 | B | | 46.57 | 46.06 | P 72 MXL 6.4 |
| 84 | B | | 54.33 | 53.82 | P 84 MXL 6.4 |
| 96 | B | | 62.09 | 61.59 | P 96 MXL 6.4 |
| 120 | B | | 77.62 | 77.11 | P120 MX L6.4 |

表 6-②

| XL | | | | | | | |
|-----|-----|-------------|---------|-----|-----|-------------|---------|
| 歯 数 | 形 状 | O D (mm) | プーリ呼称 | 歯 数 | 形 状 | O D (mm) | プーリ呼称 |
| 10 | C | 15.66 | 10XL037 | 30 | B | 48.00 | 30XL037 |
| 11 | C | 17.28 | 11XL037 | 32 | A・B | 51.24 | 32XL037 |
| 12 | C | 18.90 | 12XL037 | 34 | A・B | 54.47 | 34XL037 |
| 14 | C | 22.13 | 14XL037 | 36 | A・B | 57.70 | 36XL037 |
| 15 | C | 23.75 | 15XL037 | 38 | A・B | 60.94 | 38XL037 |
| 16 | C | 25.36 | 16XL037 | 40 | A・B | 64.17 | 40XL037 |
| 18 | B | 28.60 | 18XL037 | 42 | A・B | 67.41 | 42XL037 |
| 19 | B | 30.22 | 19XL037 | 44 | A・B | 70.64 | 44XL037 |
| 20 | B | 31.83 | 20XL037 | 46 | A・B | 73.87 | 46XL037 |
| 21 | B | 33.45 | 21XL037 | 48 | W | 77.11 | 48XL037 |
| 22 | B | 35.07 | 22XL037 | 50 | W | 80.34 | 50XL037 |
| 24 | B | 38.30 | 24XL037 | 60 | W | 96.51 | 60XL037 |
| 25 | B | 39.92 | 25XL037 | 72 | W | 115.92 | 72XL037 |
| 26 | B | 41.53 | 26XL037 | | | | |
| 28 | B | 44.77 | 28XL037 | | | | |

表 6-③

| L | | | | | | | |
|------|-----|-------------|----------|----------|--|--|----------|
| 歯 数 | 形 状 | O D (mm) | プーリ呼称 | | | | |
| 10 | A・B | 29.56 | 10 L 050 | | | | |
| 12 | A・B | 35.62 | 12 L 050 | | | | |
| 14 | A・B | 41.68 | 14 L 050 | 12 L 075 | | | 14 L 100 |
| 15 | A・B | 44.72 | 15 L 050 | 14 L 075 | | | 15 L 100 |
| 16 | A・B | 47.75 | 16 L 050 | 15 L 075 | | | 16 L 100 |
| 17 | A・B | 50.78 | 17 L 050 | 16 L 075 | | | 17 L 100 |
| 18 | A・B | 53.81 | 18 L 050 | 17 L 075 | | | 18 L 100 |
| 19 | A・B | 56.84 | 19 L 050 | 18 L 075 | | | 19 L 100 |
| 20 | A・B | 59.88 | 20 L 050 | 19 L 075 | | | 20 L 100 |
| 21 | A・B | 62.91 | 21 L 050 | 20 L 075 | | | 21 L 100 |
| 22 | A・B | 65.94 | 22 L 050 | 21 L 075 | | | 22 L 100 |
| 24 | A・B | 72.00 | 24 L 050 | 22 L 075 | | | 24 L 100 |
| 25 | A・B | 75.04 | 25 L 050 | 24 L 075 | | | 25 L 100 |
| 26 | A・B | 78.07 | 26 L 050 | 25 L 075 | | | 26 L 100 |
| 28 | A・B | 84.13 | 28 L 050 | 26 L 075 | | | 28 L 100 |
| 30 | A・B | 90.20 | 30 L 050 | 28 L 075 | | | 30 L 100 |
| 32 | A・B | 96.26 | 32 L 050 | 21 L 075 | | | 32 L 100 |
| 34 | A・B | 102.32 | 34 L 050 | 22 L 075 | | | 34 L 100 |
| 36 | A・B | 108.39 | 36 L 050 | 32 L 075 | | | 36 L 100 |
| 38 | A・B | 114.45 | 38 L 050 | 34 L 075 | | | 38 L 100 |
| 40 | A・B | 120.51 | 40 L 050 | 36 L 075 | | | 40 L 100 |
| 42 | A・B | 126.58 | 42 L 050 | 38 L 075 | | | 42 L 100 |
| 44 | A・B | 132.64 | 44 L 050 | 40 L 075 | | | 44 L 100 |
| 46 | W | 138.71 | 46 L 050 | 42 L 075 | | | 46 L 100 |
| 48 | W | 144.77 | 48 L 050 | 44 L 075 | | | 48 L 100 |
| 50 | W | 150.83 | 50 L 050 | 46 L 075 | | | 50 L 100 |
| 60 | W | 181.15 | 60 L 050 | 48 L 075 | | | 60 L 100 |
| 72 | W | 217.53 | 72 L 050 | | | | 72 L 100 |
| (84) | W | 253.92 | 84 L 050 | | | | 84 L 100 |

() は非在庫品です。

Timing Belt Type G & Type U ■設計資料編

標準プーリサイズ

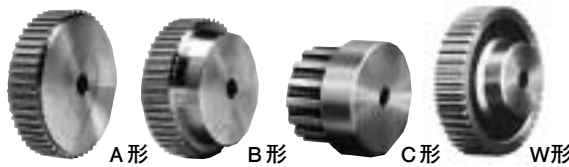


表6-④ 標準プーリサイズ表

| H | | | | | | |
|-------|-----|----------|---------|---------|---------|---------|
| 歯 数 | 形 状 | O D (mm) | プーリ呼称 | | | |
| 14 | A・B | 55.22 | 14H100 | 14H150 | 14H200 | |
| 15 | A・B | 59.27 | 15H100 | 15H150 | 15H200 | |
| 16 | A・B | 63.31 | 16H100 | 16H150 | 16H200 | 16H300 |
| 18 | A・B | 71.39 | 18H100 | 18H150 | 18H200 | 18H300 |
| 19 | A・B | 75.44 | 19H100 | 19H150 | 19H200 | 19H300 |
| 20 | A・B | 79.48 | 20H100 | 20H150 | 20H200 | 20H300 |
| 21 | A・B | 83.52 | 21H100 | 21H150 | 21H200 | 21H300 |
| 22 | A・B | 87.56 | 22H100 | 22H150 | 22H200 | 22H300 |
| 24 | A・B | 95.65 | 24H100 | 24H150 | 24H200 | 24H300 |
| 25 | A・B | 99.69 | 25H100 | 25H150 | 25H200 | 25H300 |
| 26 | A・B | 103.73 | 26H100 | 26H150 | 26H200 | 26H300 |
| 28 | A・B | 111.82 | 28H100 | 28H150 | 28H200 | 28H300 |
| 30 | A・B | 119.90 | 30H100 | 30H150 | 30H200 | 30H300 |
| 32 | A・B | 127.99 | 32H100 | 32H150 | 32H200 | 32H300 |
| 34 | A・B | 136.07 | 34H100 | 34H150 | 34H200 | 34H300 |
| 36 | A・B | 144.16 | 36H100 | 36H150 | 36H200 | 36H300 |
| 38 | A・B | 152.24 | 38H100 | 38H150 | 38H200 | 38H300 |
| 40 | A・B | 160.33 | 40H100 | 40H150 | 40H200 | 40H300 |
| 42 | W | 168.41 | 42H100 | 42H150 | 42H200 | |
| 44 | W | 176.50 | 44H100 | 44H150 | 44H200 | |
| 46 | W | 184.58 | 46H100 | 46H150 | 46H200 | 46H300 |
| 48 | W | 192.67 | 48H100 | 48H150 | 48H200 | 48H300 |
| 50 | W | 200.75 | 50H100 | 50H150 | 50H200 | 50H300 |
| 60 | W | 241.18 | 60H100 | 60H150 | 60H200 | 60H300 |
| 72 | W | 289.69 | 72H100 | 72H150 | 72H200 | 72H300 |
| (84) | W | 338.20 | 84H100 | 84H150 | 84H200 | 84H300 |
| (96) | W | 386.71 | 96H100 | 96H150 | 96H200 | 96H300 |
| (120) | W | 483.73 | 120H100 | 120H150 | 120H200 | 120H300 |

() は非在庫品です。

表6-⑤

| XH (非在庫品) | | | | | | |
|-----------|-----|----------|-----------|----------|----------|--|
| 歯 数 | 形 状 | O D (mm) | プーリ呼称 | | | |
| 18 | B | 124.55 | * 18XH200 | 18XH300 | 18XH400 | |
| 20 | B | 138.69 | * 20XH200 | 20XH300 | 20XH400 | |
| 22 | B | 152.84 | * 22XH200 | 22XH300 | 22XH400 | |
| 24 | B | 166.99 | * 24XH200 | 24XH300 | 24XH400 | |
| 26 | B | 181.14 | * 26XH200 | 26XH300 | 26XH400 | |
| 28 | B | 195.29 | * 28XH200 | 28XH300 | 28XH400 | |
| 30 | B | 209.44 | * 30XH200 | 30XH300 | 30XH400 | |
| 32 | W | 223.59 | 32XH200 | 32XH300 | 32XH400 | |
| 40 | W | 280.18 | 40XH200 | 40XH300 | 40XH400 | |
| 48 | W | 336.78 | 48XH200 | 48XH300 | 48XH400 | |
| 60 | W | 421.67 | 60XH200 | 60XH300 | 60XH400 | |
| 72 | W | 506.57 | 72XH200 | 72XH300 | 72XH400 | |
| 84 | W | 591.46 | 84XH200 | 84XH300 | 84XH400 | |
| 96 | W | 676.35 | 96XH200 | 96XH300 | 96XH400 | |
| 120 | W | 846.14 | 120XH200 | 120XH300 | 120XH400 | |

() は非在庫品です。

表6-⑥

| XXH (非在庫品) | | | | | | |
|------------|-----|----------|----------|----------|----------|----------|
| 歯 数 | 形 状 | O D (mm) | プーリ呼称 | | | |
| 18 | B | 178.87 | 18XXH200 | 18XXH300 | 18XXH400 | 18XXH500 |
| 20 | B | 199.08 | 20XXH200 | 20XXH300 | 20XXH400 | 20XXH500 |
| 22 | B | 219.29 | 22XXH200 | 22XXH300 | 22XXH400 | 22XXH500 |
| 24 | B | 239.50 | 24XXH200 | 24XXH300 | 24XXH400 | 24XXH500 |
| 26 | B | 259.72 | 26XXH200 | 26XXH300 | 26XXH400 | 26XXH500 |
| 30 | B | 300.14 | 30XXH200 | 30XXH300 | 30XXH400 | 30XXH500 |
| 34 | W | 340.57 | 34XXH200 | 34XXH300 | 34XXH400 | 34XXH500 |
| 40 | W | 401.21 | 40XXH200 | 40XXH300 | 40XXH400 | 40XXH500 |
| 48 | W | 482.06 | 48XXH200 | 48XXH300 | 48XXH400 | 48XXH500 |
| 60 | W | 603.33 | 60XXH200 | 60XXH300 | 60XXH400 | 60XXH500 |
| 72 | W | 724.61 | 10 L 050 | 10 L 050 | 72XXH400 | 72XXH500 |
| 90 | W | 906.52 | 10 L 050 | 10 L 050 | 90XXH400 | 90XXH500 |

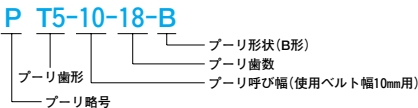
表6-⑦

| T5 | | | | |
|-----|-----|----------|-----------|--|
| 歯 数 | 形 状 | O D (mm) | プーリ呼称 | |
| 12 | C | 18.25 | PT5-10-12 | |
| 14 | C | 21.45 | PT5-10-14 | |
| 15 | C | 23.05 | PT5-10-15 | |
| 16 | B | 24.60 | PT5-10-16 | |
| 18 | B | 27.80 | PT5-10-18 | |
| 20 | B | 31.00 | PT5-10-20 | |
| 22 | B | 34.25 | PT5-10-22 | |
| 24 | B | 37.40 | PT5-10-24 | |
| 25 | B | 39.00 | PT5-10-25 | |
| 26 | B | 40.60 | PT5-10-26 | |
| 28 | B | 43.75 | PT5-10-28 | |
| 30 | B | 46.95 | PT5-10-30 | |
| 32 | A・B | 50.10 | PT5-10-32 | |
| 36 | A・B | 56.45 | PT5-10-36 | |
| 40 | A・B | 62.85 | PT5-10-40 | |
| 44 | W | 69.20 | PT5-10-44 | |
| 48 | W | 75.55 | PT5-10-48 | |
| 50 | W | 78.75 | PT5-10-50 | |
| 60 | W | 94.65 | PT5-10-60 | |

表6-⑧

| T10 | | | | |
|-----|-----|----------|------------|------------|
| 歯 数 | 形 状 | O D (mm) | プーリ呼称 | |
| 12 | A・B | 36.35 | PT10-15-12 | PT10-25-12 |
| 14 | A・B | 42.70 | PT10-15-14 | PT10-25-14 |
| 15 | A・B | 45.90 | PT10-15-15 | PT10-25-15 |
| 16 | A・B | 49.05 | PT10-15-16 | PT10-25-16 |
| 18 | A・B | 55.45 | PT10-15-18 | PT10-25-18 |
| 20 | A・B | 61.80 | PT10-15-20 | PT10-25-20 |
| 22 | A・B | 68.15 | PT10-15-22 | PT10-25-22 |
| 24 | A・B | 74.55 | PT10-15-24 | PT10-25-24 |
| 25 | A・B | 77.70 | PT10-15-25 | PT10-25-25 |
| 26 | A・B | 80.90 | PT10-15-26 | PT10-25-26 |
| 28 | A・B | 87.25 | PT10-15-28 | PT10-25-28 |
| 30 | A・B | 93.65 | PT10-15-30 | PT10-25-30 |
| 32 | A・B | 100.00 | PT10-15-32 | PT10-25-32 |
| 36 | A・B | 112.75 | PT10-15-36 | PT10-25-36 |
| 40 | A・B | 125.45 | PT10-15-40 | PT10-25-40 |
| 44 | W | 138.20 | PT10-15-44 | PT10-25-44 |
| 48 | W | 150.95 | PT10-15-48 | PT10-25-48 |
| 50 | W | 157.30 | PT10-15-50 | PT10-25-50 |
| 60 | W | 189.10 | PT10-15-60 | PT10-25-60 |

T5, T10形用プーリの呼称



取付けの際は次の事項にご注意ください

- ベルト幅より小さいプーリ径はさけてください。
(プーリ径が小さ過ぎるとベルト寿命が短くなります)
- ベルト取付け時のコジ掛けはさけてください。
(モータのスライドベースまたはテンションプーリを利用してください)
- プーリアライメントは正しく調整してください。

| ベルト幅 | 10mm | 20mm | 30mm以上 |
|------|------------|-----------|-----------|
| 角 度 | 17°(1/200) | 9°(1/400) | 6°(1/600) |

●A形、B形、C形にはフランジがついています。

表7 許容最小プーリ径と歯数表

| | 575rpm | | 690rpm | | 870rpm | | 1160rpm | | 1750rpm | | 3500rpm | | 6000rpm | |
|--------------|----------|----|----------|----|----------|----|----------|----|----------|----|----------|----|----------|----|
| | ピッチ径(mm) | 歯数 | ピッチ径(mm) | 歯数 | ピッチ径(mm) | 歯数 | ピッチ径(mm) | 歯数 | ピッチ径(mm) | 歯数 | ピッチ径(mm) | 歯数 | ピッチ径(mm) | 歯数 |
| MXL,DMXL,T80 | — | — | — | — | — | — | 7.76 | 12 | 9.06 | 14 | 10.35 | 16 | — | — |
| XL,DXL | 16.17 | 10 | 16.17 | 10 | 16.17 | 10 | 16.17 | 10 | 17.79 | 11 | 19.40 | 12 | 25.87 | 16 |
| L,DL | 36.38 | 12 | 36.38 | 12 | 36.38 | 12 | 36.38 | 12 | 42.45 | 14 | 48.51 | 16 | 60.64 | 20 |
| H,DH | 56.60 | 14 | 56.60 | 14 | 56.60 | 14 | 64.68 | 16 | 72.77 | 18 | 80.85 | 20 | 97.02 | 24 |
| XH | 127.34 | 18 | 141.49 | 20 | 155.64 | 22 | 169.79 | 24 | 183.94 | 26 | 212.23 | 30 | — | — |
| XXH | 181.91 | 18 | 202.13 | 20 | 222.34 | 22 | 242.55 | 24 | 262.76 | 26 | — | — | — | — |
| T5,DT5 | 19.10 | 12 | 19.10 | 12 | 19.10 | 12 | 19.10 | 12 | 22.28 | 14 | 25.46 | 16 | 31.83 | 20 |
| T10,DT10 | 44.56 | 14 | 44.56 | 14 | 44.56 | 14 | 50.93 | 16 | 57.30 | 18 | 63.66 | 20 | 70.03 | 22 |

表8-a 軸間距離の調整代

| ベルト長さ(mm) | 長さ公差(mm) | 軸間距離公差(mm) | 軸間距離外側調整代(mm) |
|----------------------|----------|------------|---------------|
| 254以下 | ±0.41 | ±0.21 | 3 |
| 254 をこえ 381.0 以下 | ±0.46 | ±0.23 | 5 |
| 381.0 をこえ 508.0 以下 | ±0.51 | ±0.26 | 10 |
| 508.0 をこえ 762.0 以下 | ±0.61 | ±0.31 | 10 |
| 762.0 をこえ 1016.0 以下 | ±0.66 | ±0.33 | 15 |
| 1016.0 をこえ 1270.0 以下 | ±0.76 | ±0.38 | 15 |
| 1270.0 をこえ 1524.0 以下 | ±0.81 | ±0.41 | 25 |
| 1524.0 をこえ 1778.0 以下 | ±0.86 | ±0.43 | 25 |
| 1778.0 をこえ 2032.0 以下 | ±0.91 | ±0.46 | 30 |
| 2032.0 をこえ 2286.0 以下 | ±0.97 | ±0.47 | 30 |
| 2286.0 をこえ 2540.0 以下 | ±1.02 | ±0.51 | 30 |
| 2540.0 をこえ 2794.0 以下 | ±1.07 | ±0.54 | 30 |
| 2794.0 をこえ 3048.0 以下 | ±1.12 | ±0.56 | 30 |
| 3048.0 をこえ 3302.0 以下 | ±1.17 | ±0.59 | 30 |
| 3302.0 をこえ 3556.0 以下 | ±1.22 | ±0.61 | 30 |
| 3556.0 をこえ 3810.0 以下 | ±1.28 | ±0.64 | 30 |
| 3810.0 をこえ 4064.0 以下 | ±1.32 | ±0.66 | 30 |
| 4064.0 をこえ 4318.0 以下 | ±1.37 | ±0.69 | 30 |
| 4318.0 をこえ 4572.0 以下 | ±1.42 | ±0.71 | 30 |

※長さ公差はJISの規格値です。

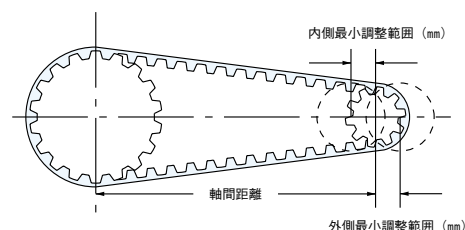


表8-b 内側調整代

| ベルト形 | MXL・T80 | XL | L | H | XH | XXH | T5 | T10 |
|----------|---------|----|----|----|----|-----|----|-----|
| 調整範囲(mm) | 3 | 5 | 10 | 15 | 40 | 50 | 5 | 10 |

表9-a ベルト幅とプーリ幅の関係

| MXL,DMXL T80 | ベルト幅(mm) | | 3.2 | 4.8 | 6.4 | 9.5 | 12.7 | — | — | — |
|------------------------|----------------|-------------------------|------|------|------|------|------|------|------|------|
| | プーリ歯幅 (最小値) | フランジ付(mm) フランジなし(mm) | 4.0 | 5.5 | 7.0 | 10.5 | 14.0 | — | — | — |
| XL,DXL L,DL H,DH | ベルト呼び幅 | | 025 | 037 | 050 | 075 | 100 | 150 | 200 | 300 |
| | ベルト幅(mm) | | 6.4 | 9.5 | 12.7 | 19.1 | 25.4 | 38.1 | 50.8 | 76.2 |
| | プーリ歯幅 (最小値) | フランジ付(mm) | 7.5 | 11.0 | 14 | 21 | 28 | 40 | 54 | 80 |
| | フランジなし(mm) | | 11.5 | 15.0 | 18 | 26 | 33 | 45 | 59 | 85 |
| T5,DT5 T10,DT10 | ベルト幅(mm) | | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |
| | プーリ歯幅 (最小値) | フランジ付(mm) | 6 | 11.0 | 17 | 22 | 27 | 32 | 43 | 53 |
| | フランジなし(mm) | | 10 | 15 | 21 | 26 | 32 | 37 | 48 | 58 |

表9-a 幅公差

(単位: mm)

| ベルト幅(mm) | ベルト呼び幅 | ベルト長さ | | | |
|-----------|--------------------|----------------------|------|---------------------------------------|-----------|
| | | 840mm以下 (33インチ以下) | | 840mmをこえ1670mm以下 (33インチをこえ66インチ以下) | |
| 10以下 | 025, 031, 037 | +0.4 | -0.8 | +0.4 | -0.8 |
| 10をこえ38以下 | 050, 075, 100, 150 | +0.8 | -0.8 | +0.8 | -1.2 |
| 38をこえ50以下 | 200 | +0.8 | -1.2 | +1.2 | -1.2 |
| 50をこえ75以下 | 300 | +1.2 | -1.6 | +1.6 | -1.6 |
| | | | | | +1.6 -2.0 |

MXL形、XH形、XXH形には適用できません。ただし、XH形、XXH形の幅公差は±4.8mm。

Timing Belt Type G & Type U ■設計資料編

MXL

基準伝動容量表

表10-a MXL(T80) ベルト幅補正係数

| ベルト(mm) | 3.2 | 4.8 | 6.4 | 9.5 | 12.7 |
|---------|------|------|------|------|------|
| 幅係数 | 0.45 | 0.72 | 1.00 | 1.57 | 2.18 |

表10 MXL(mm) 基準伝動容量表 ベルト幅6.4mmあたり (単位:W)

| プーリ歯数 小プーリ 回転数rpm | 10歯 | 12歯 | 14歯 | 16歯 | 18歯 | 20歯 | 22歯 | 24歯 | 26歯 | 28歯 | 30歯 | 32歯 | 34歯 | 36歯 | 38歯 | 40歯 |
|-------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 100 | 0.8 | 1.0 | 1.1 | 1.3 | 1.4 | 1.6 | 1.7 | 1.9 | 2.1 | 2.2 | 2.4 | 2.5 | 2.7 | 2.9 | 3.0 | 3.2 |
| 200 | 1.5 | 1.9 | 2.2 | 2.5 | 2.9 | 3.2 | 3.5 | 3.8 | 4.1 | 4.4 | 4.8 | 5.1 | 5.4 | 5.7 | 6.0 | 6.4 |
| 300 | 2.3 | 2.9 | 3.3 | 3.8 | 4.3 | 4.8 | 5.2 | 5.7 | 6.2 | 6.7 | 7.1 | 7.6 | 8.1 | 8.6 | 9.1 | 9.5 |
| 400 | 3.1 | 3.8 | 4.4 | 5.1 | 5.7 | 6.4 | 7.0 | 7.6 | 8.3 | 8.9 | 9.5 | 10.2 | 10.8 | 11.4 | 12.1 | 12.7 |
| 500 | 3.8 | 4.8 | 5.6 | 6.4 | 7.1 | 7.9 | 8.7 | 9.5 | 10.3 | 11.1 | 11.9 | 12.7 | 13.5 | 14.3 | 15.1 | 15.9 |
| 600 | 4.6 | 5.7 | 6.7 | 7.6 | 8.6 | 9.5 | 10.5 | 11.4 | 12.4 | 13.3 | 14.3 | 15.2 | 16.2 | 17.1 | 18.1 | 19.1 |
| 700 | 5.4 | 6.7 | 7.8 | 8.9 | 10.0 | 11.1 | 12.2 | 13.3 | 14.4 | 15.6 | 16.7 | 17.8 | 18.9 | 20.0 | 21.1 | 22.2 |
| 800 | 6.2 | 7.6 | 8.9 | 10.2 | 11.4 | 12.7 | 14.0 | 15.2 | 16.5 | 17.8 | 19.1 | 20.3 | 21.6 | 22.9 | 24.1 | 25.4 |
| 900 | 6.9 | 8.6 | 10.0 | 11.4 | 12.9 | 14.3 | 15.7 | 17.2 | 18.6 | 20.0 | 21.4 | 22.9 | 24.3 | 25.7 | 27.1 | 28.6 |
| 1,000 | 7.7 | 9.5 | 11.1 | 12.7 | 14.3 | 15.9 | 17.5 | 19.1 | 20.6 | 22.2 | 23.8 | 25.4 | 27.0 | 28.6 | 30.2 | 31.7 |
| 1,100 | 8.5 | 10.5 | 12.2 | 14.0 | 15.7 | 17.5 | 19.2 | 21.0 | 22.7 | 24.5 | 26.2 | 27.9 | 29.7 | 31.4 | 33.2 | 34.9 |
| 1,200 | 9.2 | 11.4 | 13.3 | 15.2 | 17.2 | 19.1 | 21.0 | 22.9 | 24.8 | 26.7 | 28.6 | 30.5 | 32.4 | 34.3 | 36.2 | 38.1 |
| 1,300 | 10.0 | 12.4 | 14.5 | 16.5 | 18.6 | 20.6 | 22.7 | 24.8 | 26.8 | 28.9 | 30.9 | 33.0 | 35.1 | 37.1 | 39.2 | 41.2 |
| 1,400 | 10.8 | 13.3 | 15.6 | 17.8 | 20.0 | 22.2 | 24.4 | 26.7 | 28.9 | 31.1 | 33.3 | 35.5 | 37.8 | 40.0 | 42.2 | 44.4 |
| 1,500 | 11.5 | 14.3 | 16.7 | 19.0 | 21.4 | 23.8 | 26.2 | 28.6 | 30.9 | 33.3 | 35.7 | 38.1 | 40.5 | 42.8 | 45.2 | 47.6 |
| 1,600 | 12.3 | 15.2 | 17.8 | 20.3 | 22.9 | 25.4 | 27.9 | 30.5 | 33.0 | 35.6 | 38.1 | 40.6 | 43.1 | 45.7 | 48.2 | 50.7 |
| 1,700 | 13.1 | 16.2 | 18.9 | 21.6 | 24.3 | 27.0 | 29.7 | 32.4 | 35.1 | 37.8 | 40.5 | 43.1 | 45.8 | 48.5 | 51.2 | 53.9 |
| 1,800 | 13.8 | 17.1 | 20.0 | 22.9 | 25.7 | 28.6 | 31.4 | 34.3 | 37.1 | 40.0 | 42.8 | 45.7 | 48.5 | 51.4 | 54.2 | 57.0 |
| 1,900 | 14.6 | 18.1 | 21.1 | 24.1 | 27.2 | 30.2 | 33.2 | 36.2 | 39.2 | 42.2 | 45.2 | 48.2 | 51.2 | 54.2 | 57.2 | 60.2 |
| 2,000 | 15.4 | 19.0 | 22.2 | 25.4 | 28.6 | 31.7 | 34.9 | 38.1 | 41.2 | 44.4 | 47.6 | 50.7 | 53.9 | 57.0 | 60.2 | 63.4 |
| 2,100 | 16.2 | 20.0 | 23.3 | 26.7 | 30.0 | 33.3 | 36.6 | 40.0 | 43.3 | 46.6 | 49.9 | 53.3 | 56.6 | 59.9 | 63.2 | 66.5 |
| 2,200 | 16.9 | 20.9 | 24.5 | 27.9 | 31.4 | 34.9 | 38.4 | 41.9 | 45.4 | 48.8 | 52.3 | 55.8 | 59.3 | 62.7 | 66.2 | 69.7 |
| 2,300 | 17.7 | 21.9 | 25.6 | 29.2 | 32.9 | 36.5 | 40.1 | 43.8 | 47.4 | 51.1 | 54.7 | 58.3 | 61.9 | 65.6 | 69.2 | 72.8 |
| 2,400 | 18.5 | 22.8 | 26.7 | 30.5 | 34.3 | 38.1 | 41.9 | 45.7 | 49.5 | 53.3 | 57.0 | 60.8 | 64.6 | 68.4 | 72.2 | 75.9 |
| 2,500 | 19.2 | 23.8 | 27.8 | 31.7 | 35.7 | 39.7 | 43.6 | 47.6 | 51.5 | 55.5 | 59.4 | 63.3 | 67.3 | 71.2 | 75.2 | 79.1 |
| 2,600 | 20.0 | 24.8 | 28.9 | 33.0 | 37.1 | 41.2 | 45.3 | 49.5 | 53.6 | 57.7 | 61.8 | 65.9 | 70.0 | 74.0 | 78.1 | 82.2 |
| 2,700 | 20.8 | 25.7 | 30.0 | 34.3 | 38.6 | 42.8 | 47.1 | 51.4 | 55.6 | 59.9 | 64.1 | 68.4 | 72.6 | 76.9 | 81.1 | 85.3 |
| 2,800 | 21.5 | 26.7 | 31.1 | 35.5 | 40.0 | 44.4 | 48.8 | 53.3 | 57.7 | 62.1 | 66.5 | 70.9 | 75.3 | 79.7 | 84.1 | 88.5 |
| 2,900 | 22.3 | 27.6 | 32.2 | 36.8 | 41.4 | 46.0 | 50.6 | 55.2 | 59.7 | 64.3 | 68.9 | 73.4 | 78.0 | 82.5 | 87.1 | 91.6 |
| 3,000 | 23.1 | 28.6 | 33.3 | 38.1 | 42.8 | 47.6 | 52.3 | 57.1 | 61.8 | 66.5 | 71.2 | 75.9 | 80.7 | 85.3 | 90.1 | 94.7 |
| 3,100 | — | — | — | 39.3 | 44.3 | 49.2 | 54.0 | 58.9 | 63.8 | 68.7 | 73.6 | 78.4 | 83.3 | 88.2 | 93.0 | 97.8 |
| 3,200 | — | — | — | 40.6 | 45.7 | 50.7 | 55.8 | 60.8 | 65.9 | 70.9 | 75.9 | 80.9 | 86.0 | 91.0 | 96.0 | 101.0 |
| 3,300 | — | — | — | 41.9 | 47.1 | 52.3 | 57.5 | 62.7 | 67.9 | 73.1 | 78.3 | 83.4 | 88.6 | 93.8 | 98.9 | 104.1 |
| 3,400 | — | — | — | 43.1 | 48.5 | 53.9 | 59.2 | 64.6 | 70.0 | 75.3 | 80.6 | 86.0 | 91.3 | 96.6 | 101.9 | 107.2 |
| 3,500 | — | — | — | 44.4 | 50.0 | 55.5 | 61.0 | 66.5 | 72.0 | 77.5 | 83.0 | 88.5 | 93.9 | 99.4 | 104.9 | 110.3 |
| 3,600 | — | — | — | 45.7 | 51.4 | 57.0 | 62.7 | 68.4 | 74.0 | 79.7 | 85.3 | 91.0 | 96.6 | 102.2 | 107.8 | 113.4 |
| 3,700 | — | — | — | 46.9 | 52.8 | 58.6 | 64.4 | 70.3 | 76.1 | 81.9 | 87.7 | 93.5 | 99.2 | 105.0 | 110.8 | 116.5 |
| 3,800 | — | — | — | 48.2 | 54.2 | 60.2 | 66.2 | 72.2 | 78.1 | 84.1 | 90.0 | 95.9 | 101.9 | 107.8 | 113.7 | 119.5 |
| 3,900 | — | — | — | 49.5 | 55.6 | 61.8 | 67.9 | 74.1 | 80.2 | 86.3 | 92.4 | 98.4 | 104.5 | 110.6 | 116.6 | 122.6 |
| 4,000 | — | — | — | 50.7 | 57.1 | 63.4 | 69.6 | 75.9 | 82.2 | 88.5 | 94.7 | 100.9 | 107.2 | 113.4 | 119.6 | 125.7 |
| 4,100 | — | — | — | 52.0 | 58.5 | 64.9 | 71.4 | 77.8 | 84.2 | 90.7 | 97.1 | 103.4 | 109.8 | 116.1 | 122.5 | 128.8 |
| 4,200 | — | — | — | 53.3 | 59.9 | 66.5 | 73.1 | 79.7 | 86.3 | 92.9 | 99.4 | 105.9 | 112.4 | 118.9 | 125.4 | 131.8 |
| 4,300 | — | — | — | 54.5 | 61.3 | 68.1 | 74.8 | 81.6 | 88.3 | 95.1 | 101.7 | 108.4 | 115.1 | 121.7 | 128.3 | 134.9 |
| 4,400 | — | — | — | 55.8 | 62.7 | 69.7 | 76.5 | 83.5 | 90.3 | 97.2 | 104.1 | 110.9 | 117.7 | 124.5 | 131.3 | 138.0 |
| 4,500 | — | — | — | 57.0 | 64.2 | 71.2 | 78.3 | 85.4 | 92.4 | 99.4 | 106.4 | 113.3 | 120.3 | 127.2 | 134.2 | 141.0 |
| 4,600 | — | — | — | 58.3 | 65.6 | 72.8 | 80.0 | 87.2 | 94.4 | 101.6 | 108.7 | 115.8 | 122.9 | 130.0 | 137.1 | 144.1 |
| 4,700 | — | — | — | 59.6 | 67.0 | 74.4 | 81.7 | 89.1 | 96.4 | 103.8 | 111.0 | 118.3 | 125.6 | 132.8 | 140.0 | 147.1 |
| 4,800 | — | — | — | 60.8 | 68.4 | 75.9 | 83.4 | 91.0 | 98.4 | 105.9 | 113.4 | 120.8 | 128.2 | 135.5 | 142.9 | 150.1 |
| 4,900 | — | — | — | 62.1 | 69.8 | 77.5 | 85.2 | 92.9 | 100.5 | 108.1 | 115.7 | 123.2 | 130.8 | 138.3 | 145.8 | 153.2 |
| 5,000 | — | — | — | 63.3 | 71.2 | 79.1 | 86.9 | 94.7 | 102.5 | 110.3 | 118.0 | 125.7 | 133.4 | 141.0 | 148.6 | 156.2 |

● □ 印の範囲では耐久時間が減少しますのでできるだけ避けてください。
● 上表はベルト幅6.4mmを基準にしていますので6.4mm幅以外の場合は表10-aの幅補正係数をかけてください。

表11-a XL ベルト幅補正係数

| ベルト幅 | 呼称 | 025 | 031 | 037 | 050 |
|------|----|------|------|------|------|
| | mm | 6.4 | 7.9 | 9.5 | 12.7 |
| 幅係数 | | 0.15 | 0.21 | 0.28 | 0.42 |

表11 XL 基準伝動容量表 ベルト幅25.4mmあたり (単位: kW)

| プーリ歯数 小プーリ 回転数rpm | 10歯 | 11歯 | 12歯 | 14歯 | 15歯 | 16歯 | 18歯 | 19歯 | 20歯 | 21歯 | 22歯 | 24歯 | 25歯 | 26歯 | 28歯 | 30歯 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ピッチ径 | 16.17 | 17.79 | 19.40 | 22.64 | 24.25 | 25.87 | 29.11 | 30.72 | 32.34 | 33.96 | 35.57 | 38.81 | 40.42 | 42.04 | 45.28 | 48.51 |
| 950 | 0.14 | 0.16 | 0.17 | 0.20 | 0.21 | 0.23 | 0.26 | 0.27 | 0.29 | 0.30 | 0.32 | 0.35 | 0.36 | 0.38 | 0.41 | 0.43 |
| 1,160 | 0.17 | 0.19 | 0.21 | 0.25 | 0.26 | 0.28 | 0.32 | 0.33 | 0.35 | 0.37 | 0.39 | 0.42 | 0.44 | 0.46 | 0.50 | 0.53 |
| 1,425 | 0.21 | 0.24 | 0.26 | 0.30 | 0.32 | 0.35 | 0.39 | 0.41 | 0.43 | 0.46 | 0.48 | 0.52 | 0.54 | 0.57 | 0.61 | 0.65 |
| 1,750 | 0.27 | 0.29 | 0.32 | 0.37 | 0.40 | 0.43 | 0.48 | 0.51 | 0.63 | 0.56 | 0.59 | 0.64 | 0.67 | 0.69 | 0.75 | 0.80 |
| 2,850 | 0.43 | 0.48 | 0.52 | 0.61 | 0.65 | 0.70 | 0.78 | 0.82 | 0.87 | 0.91 | 0.95 | 1.04 | 1.08 | 1.12 | 1.21 | 1.29 |
| 3,450 | 0.53 | 0.58 | 0.63 | 0.74 | 0.79 | 0.84 | 0.94 | 1.00 | 1.05 | 1.10 | 1.15 | 1.25 | 1.30 | 1.35 | 1.45 | 1.55 |
| 100 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 |
| 200 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.05 | 0.05 | 0.06 | 0.06 | 0.06 | 0.07 | 0.07 | 0.08 | 0.08 | 0.09 |
| 300 | 0.04 | 0.05 | 0.05 | 0.06 | 0.06 | 0.07 | 0.08 | 0.08 | 0.09 | 0.09 | 0.10 | 0.11 | 0.11 | 0.12 | 0.12 | 0.13 |
| 400 | 0.06 | 0.06 | 0.07 | 0.08 | 0.09 | 0.09 | 0.11 | 0.11 | 0.12 | 0.12 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 |
| 500 | 0.07 | 0.08 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 | 0.14 | 0.15 | 0.16 | 0.16 | 0.18 | 0.19 | 0.20 | 0.21 | 0.23 |
| 600 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.22 | 0.23 | 0.24 | 0.25 | 0.27 |
| 700 | 0.10 | 0.11 | 0.12 | 0.15 | 0.16 | 0.17 | 0.19 | 0.20 | 0.21 | 0.22 | 0.23 | 0.25 | 0.27 | 0.28 | 0.30 | 0.32 |
| 800 | 0.12 | 0.13 | 0.14 | 0.17 | 0.18 | 0.19 | 0.22 | 0.23 | 0.24 | 0.25 | 0.27 | 0.29 | 0.30 | 0.32 | 0.34 | 0.37 |
| 900 | 0.13 | 0.15 | 0.16 | 0.19 | 0.20 | 0.22 | 0.25 | 0.26 | 0.27 | 0.29 | 0.30 | 0.33 | 0.34 | 0.36 | 0.38 | 0.41 |
| 1,000 | 0.15 | 0.16 | 0.18 | 0.21 | 0.23 | 0.24 | 0.27 | 0.29 | 0.30 | 0.32 | 0.33 | 0.37 | 0.38 | 0.40 | 0.43 | 0.46 |
| 1,100 | 0.16 | 0.18 | 0.20 | 0.23 | 0.25 | 0.27 | 0.30 | 0.32 | 0.33 | 0.35 | 0.37 | 0.40 | 0.42 | 0.44 | 0.47 | 0.50 |
| 1,200 | 0.18 | 0.20 | 0.22 | 0.25 | 0.27 | 0.29 | 0.33 | 0.35 | 0.37 | 0.38 | 0.40 | 0.44 | 0.46 | 0.48 | 0.51 | 0.55 |
| 1,300 | 0.20 | 0.22 | 0.24 | 0.28 | 0.30 | 0.32 | 0.36 | 0.38 | 0.40 | 0.42 | 0.44 | 0.48 | 0.50 | 0.52 | 0.56 | 0.59 |
| 1,400 | 0.21 | 0.23 | 0.25 | 0.30 | 0.32 | 0.34 | 0.38 | 0.40 | 0.43 | 0.45 | 0.47 | 0.51 | 0.53 | 0.56 | 0.60 | 0.64 |
| 1,500 | 0.23 | 0.25 | 0.27 | 0.32 | 0.34 | 0.37 | 0.41 | 0.43 | 0.46 | 0.48 | 0.50 | 0.55 | 0.57 | 0.59 | 0.64 | 0.69 |
| 1,600 | 0.24 | 0.27 | 0.29 | 0.34 | 0.37 | 0.39 | 0.44 | 0.46 | 0.49 | 0.51 | 0.54 | 0.59 | 0.61 | 0.63 | 0.68 | 0.73 |
| 1,700 | 0.26 | 0.28 | 0.31 | 0.36 | 0.39 | 0.41 | 0.47 | 0.49 | 0.52 | 0.54 | 0.57 | 0.62 | 0.65 | 0.67 | 0.73 | 0.78 |
| 1,800 | 0.27 | 0.30 | 0.33 | 0.38 | 0.41 | 0.44 | 0.49 | 0.52 | 0.55 | 0.58 | 0.60 | 0.66 | 0.69 | 0.71 | 0.77 | 0.82 |
| 2,000 | 0.30 | 0.33 | 0.37 | 0.43 | 0.46 | 0.49 | 0.55 | 0.58 | 0.61 | 0.64 | 0.67 | 0.73 | 0.76 | 0.79 | 0.85 | 0.91 |
| 2,200 | 0.33 | 0.37 | 0.40 | 0.47 | 0.50 | 0.54 | 0.60 | 0.64 | 0.67 | 0.70 | 0.74 | 0.80 | 0.84 | 0.87 | 0.94 | 1.00 |
| 2,400 | 0.37 | 0.40 | 0.44 | 0.51 | 0.55 | 0.59 | 0.66 | 0.70 | 0.73 | 0.77 | 0.80 | 0.88 | 0.91 | 0.95 | 1.02 | 1.09 |
| 2,600 | 0.40 | 0.44 | 0.48 | 0.56 | 0.59 | 0.63 | 0.71 | 0.75 | 0.79 | 0.83 | 0.87 | 0.95 | 0.99 | 1.03 | 1.10 | 1.18 |
| 2,800 | 0.43 | 0.47 | 0.51 | 0.60 | 0.64 | 0.68 | 0.77 | 0.81 | 0.85 | 0.89 | 0.94 | 1.02 | 1.06 | 1.10 | 1.19 | 1.27 |
| 3,000 | 0.46 | 0.50 | 0.55 | 0.64 | 0.69 | 0.73 | 0.82 | 0.87 | 0.91 | 0.96 | 1.00 | 1.09 | 1.14 | 1.18 | 1.27 | 1.35 |
| 3,200 | 0.49 | 0.54 | 0.59 | 0.68 | 0.73 | 0.78 | 0.88 | 0.92 | 0.97 | 1.02 | 1.07 | 1.16 | 1.21 | 1.26 | 1.35 | 1.44 |
| 3,400 | 0.52 | 0.57 | 0.62 | 0.73 | 0.78 | 0.83 | 0.93 | 0.98 | 1.03 | 1.08 | 1.13 | 1.23 | 1.28 | 1.33 | 1.43 | 1.53 |
| 3,600 | 0.55 | 0.60 | 0.66 | 0.77 | 0.82 | 0.88 | 0.98 | 1.04 | 1.09 | 1.14 | 1.20 | 1.30 | 1.35 | 1.41 | 1.51 | 1.61 |
| 3,800 | 0.58 | 0.64 | 0.70 | 0.81 | 0.87 | 0.92 | 1.04 | 1.09 | 1.15 | 1.21 | 1.26 | 1.37 | 1.43 | 1.48 | 1.59 | 1.69 |
| 4,000 | 0.61 | 0.67 | 0.73 | 0.85 | 0.91 | 0.97 | 1.09 | 1.15 | 1.21 | 1.27 | 1.33 | 1.44 | 1.50 | 1.55 | 1.67 | 1.78 |
| 4,200 | 0.64 | 0.71 | 0.77 | 0.89 | 0.96 | 1.02 | 1.14 | 1.21 | 1.27 | 1.33 | 1.39 | 1.51 | 1.57 | 1.63 | 1.74 | 1.86 |
| 4,400 | 0.67 | 0.74 | 0.80 | 0.94 | 1.00 | 1.07 | 1.20 | 1.26 | 1.33 | 1.39 | 1.45 | 1.58 | 1.64 | 1.70 | 1.82 | 1.94 |
| 4,600 | 0.70 | 0.77 | 0.84 | 0.98 | 1.05 | 1.12 | 1.25 | 1.32 | 1.38 | 1.45 | 1.51 | 1.64 | 1.71 | 1.77 | 1.90 | 2.02 |
| 4,800 | 0.73 | 0.80 | 0.88 | 1.02 | 1.09 | 1.16 | 1.30 | 1.37 | 1.44 | 1.51 | 1.58 | 1.71 | 1.78 | 1.84 | 1.97 | 2.10 |
| 5,000 | 0.76 | 0.84 | 0.91 | 1.06 | 1.14 | 1.21 | 1.36 | 1.43 | 1.50 | 1.57 | 1.64 | 1.78 | 1.84 | 1.91 | 2.04 | 2.17 |
| 5,500 | — | — | — | — | 1.25 | 1.33 | 1.48 | 1.56 | 1.64 | 1.72 | 1.79 | 1.94 | 2.01 | 2.08 | 2.22 | 2.36 |
| 6,000 | — | — | — | — | 1.36 | 1.44 | 1.61 | 1.69 | 1.78 | 1.86 | 1.94 | 2.10 | 2.17 | 2.25 | 2.39 | 2.53 |
| 6,500 | — | — | — | — | 1.46 | 1.55 | 1.74 | 1.82 | 1.91 | 2.00 | 2.08 | 2.25 | 2.33 | 2.41 | 2.56 | 2.70 |
| 7,000 | — | — | — | — | 1.57 | 1.67 | 1.86 | 1.95 | 2.04 | 2.13 | 2.22 | 2.39 | 2.48 | 2.56 | 2.71 | 2.86 |
| 7,500 | — | — | — | — | 1.67 | 1.78 | 1.98 | 2.08 | 2.17 | 2.27 | 2.36 | 2.53 | 2.62 | 2.70 | 2.86 | 3.00 |
| 8,000 | — | — | — | — | — | — | 2.10 | 2.20 | 2.30 | 2.39 | 2.49 | 2.67 | 2.75 | 2.84 | 2.99 | 3.13 |
| 8,500 | — | — | — | — | — | — | 2.21 | 2.32 | 2.42 | 2.52 | 2.61 | 2.80 | 2.88 | 2.96 | 3.11 | 3.25 |
| 9,000 | — | — | — | — | — | — | 2.32 | 2.43 | 2.53 | 2.62 | 2.73 | 2.91 | 3.00 | 3.08 | 3.23 | 3.35 |
| 9,500 | — | — | — | — | — | — | 2.43 | 2.54 | 2.65 | 2.75 | 2.85 | 3.03 | 3.11 | 3.19 | 3.33 | 3.44 |
| 10,000 | — | — | — | — | — | — | 2.53 | 2.65 | 2.75 | 2.86 | 2.95 | 3.13 | 3.21 | 3.28 | 3.41 | 3.51 |

●印の範囲では耐久時間が減少しますのでできるだけ避けてください。

●上表はベルト幅25.4mmを基準にしていますので25.4mm以外の場合は表11-aの幅補正係数をかけてください。

Timing Belt Type G & Type U ■設計資料編

L

基準伝動容量表

表12-a L ベルト幅補正係数

| ベルト幅 | 呼称 | 050 | 075 | 100 | 150 |
|-----------|----|------|------|------|------|
| | mm | 12.7 | 19.1 | 25.4 | 38.1 |
| 幅 補 正 係 数 | | 0.42 | 0.71 | 1.00 | 1.56 |

表12 L 基準伝動容量表 ベルト幅25.4mmあたり (単位:kW)

| プーリ歯数 小プーリ 回転数rpm | 10歯 | 12歯 | 14歯 | 15歯 | 16歯 | 18歯 | 19歯 | 20歯 | 21歯 | 22歯 | 24歯 | 25歯 | 26歯 | 28歯 | 30歯 | 32歯 | 36歯 | 40歯 | 44歯 | 48歯 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 725 | 0.28 | 0.33 | 0.39 | 0.42 | 0.44 | 0.50 | 0.53 | 0.56 | 0.58 | 0.61 | 0.67 | 0.70 | 0.72 | 0.78 | 0.83 | 0.89 | 1.00 | 1.11 | 1.22 | 1.33 |
| 870 | 0.33 | 0.40 | 0.47 | 0.50 | 0.53 | 0.60 | 0.63 | 0.67 | 0.70 | 0.73 | 0.80 | 0.83 | 0.87 | 0.93 | 1.00 | 1.07 | 1.20 | 1.33 | 1.46 | 1.59 |
| 950 | 0.36 | 0.44 | 0.51 | 0.55 | 0.58 | 0.66 | 0.69 | 0.73 | 0.77 | 0.80 | 0.87 | 0.91 | 0.95 | 1.02 | 1.09 | 1.16 | 1.31 | 1.45 | 1.59 | 1.73 |
| 1,160 | 0.44 | 0.53 | 0.62 | 0.67 | 0.71 | 0.80 | 0.85 | 0.89 | 0.93 | 0.98 | 1.07 | 1.11 | 1.15 | 1.24 | 1.33 | 1.41 | 1.59 | 1.76 | 1.92 | 2.09 |
| 1,425 | 0.55 | 0.66 | 0.77 | 0.82 | 0.87 | 0.98 | 1.04 | 1.09 | 1.14 | 1.20 | 1.31 | 1.36 | 1.41 | 1.52 | 1.62 | 1.73 | 1.93 | 2.13 | 2.33 | 2.52 |
| 1,750 | 0.67 | 0.81 | 0.94 | 1.01 | 1.07 | 1.20 | 1.27 | 1.34 | 1.40 | 1.47 | 1.59 | 1.66 | 1.81 | 1.85 | 1.97 | 2.10 | 2.34 | 2.58 | 2.80 | 3.02 |
| 2,850 | — | 1.31 | 1.52 | 1.62 | 1.73 | 1.93 | 2.03 | 2.13 | 2.23 | 2.33 | 2.52 | 2.62 | 2.71 | 2.89 | 3.07 | 3.24 | 3.56 | 3.85 | 4.10 | 4.31 |
| 3,450 | — | — | 1.82 | 1.95 | 2.07 | 2.31 | 2.43 | 2.54 | 2.66 | 2.77 | 2.99 | 3.09 | 3.19 | 3.39 | 3.58 | 3.76 | 4.07 | 4.33 | 4.54 | 4.67 |
| 100 | 0.03 | 0.04 | 0.05 | 0.05 | 0.06 | 0.06 | 0.07 | 0.07 | 0.08 | 0.08 | 0.09 | 0.09 | 0.10 | 0.10 | 0.11 | 0.12 | 0.13 | 0.15 | 0.17 | 0.18 |
| 200 | 0.07 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | 0.23 | 0.24 | 0.27 | 0.30 | 0.34 | 0.37 |
| 300 | 0.11 | 0.13 | 0.16 | 0.17 | 0.18 | 0.20 | 0.22 | 0.23 | 0.24 | 0.25 | 0.27 | 0.29 | 0.30 | 0.32 | 0.34 | 0.37 | 0.41 | 0.46 | 0.51 | 0.55 |
| 400 | 0.15 | 0.18 | 0.21 | 0.23 | 0.24 | 0.27 | 0.29 | 0.30 | 0.32 | 0.34 | 0.37 | 0.38 | 0.40 | 0.43 | 0.46 | 0.49 | 0.55 | 0.61 | 0.68 | 0.74 |
| 500 | 0.19 | 0.23 | 0.27 | 0.29 | 0.30 | 0.34 | 0.36 | 0.38 | 0.40 | 0.42 | 0.46 | 0.48 | 0.50 | 0.54 | 0.58 | 0.61 | 0.69 | 0.77 | 0.84 | 0.92 |
| 600 | 0.23 | 0.27 | 0.32 | 0.34 | 0.37 | 0.41 | 0.44 | 0.46 | 0.48 | 0.51 | 0.55 | 0.58 | 0.60 | 0.64 | 0.69 | 0.74 | 0.83 | 0.92 | 1.01 | 1.10 |
| 700 | 0.27 | 0.32 | 0.37 | 0.40 | 0.43 | 0.48 | 0.51 | 0.54 | 0.56 | 0.59 | 0.64 | 0.67 | 0.70 | 0.75 | 0.81 | 0.86 | 0.97 | 1.07 | 1.18 | 1.28 |
| 800 | 0.30 | 0.37 | 0.43 | 0.46 | 0.49 | 0.55 | 0.58 | 0.61 | 0.64 | 0.68 | 0.74 | 0.77 | 0.80 | 0.86 | 0.92 | 0.98 | 1.10 | 1.22 | 1.34 | 1.46 |
| 900 | 0.34 | 0.41 | 0.48 | 0.52 | 0.55 | 0.62 | 0.66 | 0.69 | 0.73 | 0.76 | 0.83 | 0.86 | 0.90 | 0.97 | 1.03 | 1.10 | 1.24 | 1.37 | 1.51 | 1.64 |
| 1,000 | 0.38 | 0.46 | 0.54 | 0.58 | 0.61 | 0.69 | 0.73 | 0.77 | 0.81 | 0.84 | 0.92 | 0.96 | 1.00 | 1.07 | 1.15 | 1.22 | 1.37 | 1.52 | 1.67 | 1.81 |
| 1,100 | 0.42 | 0.51 | 0.59 | 0.63 | 0.68 | 0.76 | 0.80 | 0.84 | 0.89 | 0.93 | 1.01 | 1.05 | 1.09 | 1.18 | 1.26 | 1.34 | 1.51 | 1.67 | 1.83 | 1.99 |
| 1,200 | 0.46 | 0.55 | 0.64 | 0.69 | 0.74 | 0.83 | 0.87 | 0.92 | 0.97 | 1.01 | 1.10 | 1.15 | 1.19 | 1.28 | 1.37 | 1.46 | 1.64 | 1.81 | 1.99 | 2.15 |
| 1,300 | 0.50 | 0.60 | 0.70 | 0.75 | 0.80 | 0.90 | 0.95 | 1.00 | 1.05 | 1.09 | 1.19 | 1.24 | 1.29 | 1.39 | 1.48 | 1.58 | 1.77 | 1.96 | 2.14 | 2.32 |
| 1,400 | 0.54 | 0.64 | 0.75 | 0.81 | 0.86 | 0.97 | 1.02 | 1.07 | 1.12 | 1.18 | 1.28 | 1.34 | 1.39 | 1.49 | 1.59 | 1.70 | 1.90 | 2.10 | 2.29 | 2.48 |
| 1,500 | 0.58 | 0.69 | 0.81 | 0.86 | 0.92 | 1.03 | 1.09 | 1.15 | 1.20 | 1.26 | 1.37 | 1.43 | 1.48 | 1.59 | 1.70 | 1.81 | 2.03 | 2.24 | 2.44 | 2.64 |
| 1,600 | 0.61 | 0.74 | 0.86 | 0.92 | 0.98 | 1.10 | 1.16 | 1.22 | 1.28 | 1.34 | 1.46 | 1.52 | 1.58 | 1.70 | 1.81 | 1.93 | 2.15 | 2.38 | 2.59 | 2.80 |
| 1,700 | 0.65 | 0.78 | 0.91 | 0.98 | 1.04 | 1.17 | 1.23 | 1.30 | 1.36 | 1.42 | 1.55 | 1.61 | 1.68 | 1.80 | 1.92 | 2.04 | 2.28 | 2.51 | 2.73 | 2.95 |
| 1,800 | 0.69 | 0.83 | 0.97 | 1.03 | 1.10 | 1.24 | 1.31 | 1.37 | 1.44 | 1.51 | 1.64 | 1.70 | 1.77 | 1.90 | 2.03 | 2.15 | 2.40 | 2.64 | 2.87 | 3.10 |
| 1,900 | — | 0.87 | 1.02 | 1.09 | 1.16 | 1.31 | 1.38 | 1.45 | 1.52 | 1.59 | 1.73 | 1.80 | 1.86 | 2.00 | 2.13 | 2.27 | 2.52 | 2.77 | 3.01 | 3.24 |
| 2,000 | — | 0.92 | 1.07 | 1.15 | 1.22 | 1.37 | 1.45 | 1.52 | 1.59 | 1.67 | 1.81 | 1.89 | 1.96 | 2.10 | 2.24 | 2.38 | 2.64 | 2.90 | 3.14 | 3.38 |
| 2,100 | — | 0.97 | 1.13 | 1.20 | 1.28 | 1.44 | 1.52 | 1.59 | 1.67 | 1.75 | 1.90 | 1.97 | 2.05 | 2.20 | 2.34 | 2.48 | 2.76 | 3.02 | 3.27 | 3.51 |
| 2,200 | — | 1.01 | 1.18 | 1.26 | 1.34 | 1.51 | 1.59 | 1.67 | 1.75 | 1.83 | 1.99 | 2.06 | 2.14 | 2.29 | 2.44 | 2.59 | 2.87 | 3.14 | 3.40 | 3.64 |
| 2,300 | — | 1.06 | 1.23 | 1.32 | 1.40 | 1.57 | 1.66 | 1.74 | 1.82 | 1.91 | 2.07 | 2.15 | 2.23 | 2.39 | 2.54 | 2.69 | 2.99 | 3.26 | 3.52 | 3.76 |
| 2,400 | — | 1.10 | 1.28 | 1.37 | 1.46 | 1.64 | 1.73 | 1.81 | 1.90 | 1.99 | 2.15 | 2.24 | 2.32 | 2.48 | 2.64 | 2.80 | 3.10 | 3.38 | 3.64 | 3.87 |
| 2,500 | — | 1.15 | 1.34 | 1.43 | 1.52 | 1.70 | 1.80 | 1.89 | 1.97 | 2.06 | 2.24 | 2.32 | 2.41 | 2.58 | 2.74 | 2.90 | 3.20 | 3.49 | 3.75 | 3.98 |
| 2,600 | — | 1.19 | 1.39 | 1.48 | 1.58 | 1.77 | 1.86 | 1.96 | 2.05 | 2.14 | 2.32 | 2.41 | 2.50 | 2.67 | 2.84 | 3.00 | 3.31 | 3.59 | 3.85 | 4.09 |
| 2,700 | — | 1.24 | 1.44 | 1.54 | 1.64 | 1.84 | 1.93 | 2.03 | 2.12 | 2.22 | 2.40 | 2.49 | 2.58 | 2.76 | 2.93 | 3.10 | 3.41 | 3.70 | 3.96 | 4.18 |
| 2,800 | — | 1.28 | 1.49 | 1.59 | 1.70 | 1.90 | 2.00 | 2.10 | 2.20 | 2.29 | 2.48 | 2.58 | 2.67 | 2.85 | 3.02 | 3.19 | 3.51 | 3.80 | 4.05 | 4.27 |
| 2,900 | — | 1.33 | 1.54 | 1.65 | 1.76 | 1.96 | 2.07 | 2.17 | 2.27 | 2.37 | 2.56 | 2.66 | 2.75 | 2.94 | 3.11 | 3.29 | 3.60 | 3.89 | 4.14 | 4.35 |
| 3,000 | — | 1.37 | 1.59 | 1.70 | 1.81 | 2.03 | 2.13 | 2.24 | 2.34 | 2.44 | 2.64 | 2.74 | 2.84 | 3.02 | 3.20 | 3.38 | 3.70 | 3.98 | 4.23 | 4.43 |
| 3,200 | — | 1.46 | 1.70 | 1.81 | 1.93 | 2.15 | 2.27 | 2.38 | 2.48 | 2.59 | 2.80 | 2.90 | 3.00 | 3.19 | 3.38 | 3.55 | 3.87 | 4.15 | 4.38 | 4.56 |
| 3,400 | — | — | 1.80 | 1.92 | 2.04 | 2.28 | 2.40 | 2.51 | 2.62 | 2.73 | 2.95 | 3.05 | 3.16 | 3.35 | 3.54 | 3.72 | 4.04 | 4.30 | 4.51 | 4.65 |
| 3,600 | — | — | 1.90 | 2.03 | 2.15 | 2.40 | 2.52 | 2.64 | 2.76 | 2.87 | 3.10 | 3.20 | 3.31 | 3.51 | 3.70 | 3.87 | 4.18 | 4.43 | 4.61 | 4.71 |
| 3,800 | — | — | 2.00 | 2.13 | 2.27 | 2.52 | 2.65 | 2.77 | 2.89 | 3.01 | 3.24 | 3.35 | 3.45 | 3.66 | 3.85 | 4.02 | 4.31 | 4.54 | 4.68 | 4.73 |
| 4,000 | — | — | 2.10 | 2.24 | 2.38 | 2.64 | 2.77 | 2.90 | 3.02 | 3.14 | 3.38 | 3.49 | 3.59 | 3.80 | 3.98 | 4.15 | 4.43 | 4.62 | 4.72 | 4.72 |
| 4,200 | — | — | — | 2.34 | 2.48 | 2.76 | 2.89 | 3.02 | 3.15 | 3.27 | 3.51 | 3.62 | 3.73 | 3.93 | 4.11 | 4.27 | 4.53 | 4.69 | 4.73 | 4.66 |
| 4,400 | — | — | — | 2.44 | 2.59 | 2.87 | 3.01 | 3.14 | 3.27 | 3.40 | 3.64 | 3.75 | 3.85 | 4.05 | 4.23 | 4.38 | 4.61 | 4.72 | 4.71 | 4.56 |
| 4,600 | — | — | — | 2.54 | 2.69 | 2.99 | 3.13 | 3.26 | 3.39 | 3.52 | 3.76 | 3.87 | 3.97 | 4.17 | 4.33 | 4.48 | 4.67 | 4.73 | 4.65 | 4.42 |
| 4,800 | — | — | — | 2.64 | 2.80 | 3.10 | 3.24 | 3.38 | 3.51 | 3.64 | 3.87 | 3.98 | 4.09 | 4.27 | 4.43 | 4.56 | 4.71 | 4.72 | 4.56 | 4.23 |
| 5,000 | — | — | — | 2.74 | 2.90 | 3.20 | 3.35 | 3.49 | 3.62 | 3.75 | 3.98 | 4.09 | 4.19 | 4.37 | 4.51 | 4.62 | 4.73 | 4.67 | 4.43 | 3.99 |
| 5,200 | — | — | — | 2.84 | 3.00 | 3.31 | 3.45 | 3.59 | 3.73 | 3.85 | 4.09 | 4.19 | 4.29 | 4.45 | 4.58 | 4.67 | 4.73 | 4.60 | 4.26 | 3.69 |
| 5,400 | — | — | — | 2.93 | 3.10 | 3.41 | 3.56 | 3.70 | 3.83 | 3.96 | 4.18 | 4.28 | 4.37 | 4.53 | 4.64 | 4.71 | 4.71 | 4.50 | 4.05 | 3.35 |
| 5,600 | — | — | — | — | 3.02 | 3.19 | 3.51 | 3.66 | 3.80 | 3.93 | 4.05 | 4.27 | 4.37 | 4.45 | 4.59 | 4.69 | 4.73 | 4.66 | 4.36 | 2.95 |
| 5,800 | — | — | — | — | 3.11 | 3.29 | 3.61 | 3.75 | 3.89 | 4.02 | 4.14 | 4.35 | 4.44 | 4.52 | 4.64 | 4.72 | 4.73 | 4.59 | 4.19 | 2.49 |
| 6,000 | — | — | — | — | 3.20 | 3.38 | 3.70 | 3.85 | 3.98 | 4.11 | 4.23 | 4.43 | 4.51 | 4.58 | 4.69 | 4.73 | 4.72 | 4.50 | 3.99 | 1.98 |

- 印の範囲では耐久時間が減少しますのでできるだけ避けてください。
- 印の範囲ではプーリ周速が33m/sec以上となりますので使用プーリは動バランスをとってください。なお、鋳物材のプーリ使用を避けてください。
- 上表はベルト幅25.4mmを基準にしていますのでベルト幅が25.4mm以外の場合は表12-aの幅補正係数をかけてください。

表13-a H ベルト幅補正係数

| ベルト幅 | 呼称 | 075 | 100 | 150 | 200 | 300 |
|-------|----|------|------|------|------|------|
| | mm | 19.1 | 25.4 | 38.1 | 50.8 | 76.2 |
| 幅補正係数 | | 0.71 | 1.00 | 1.56 | 2.14 | 3.36 |

表13 H 基準伝動容量表 ベルト幅25.4mmあたり (単位:kW)

| プーリ歯数 小プーリ 回転数rpm | 14歯 | 16歯 | 18歯 | 19歯 | 20歯 | 21歯 | 22歯 | 24歯 | 26歯 | 28歯 | 30歯 | 32歯 | 36歯 | 40歯 | 44歯 | 48歯 |
|-------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 725 | 1.33 | 1.52 | 1.71 | 1.81 | 1.90 | 2.00 | 2.09 | 2.28 | 2.47 | 2.66 | 2.85 | 3.04 | 3.41 | 3.79 | 4.16 | 4.53 |
| 870 | 1.60 | 1.83 | 2.05 | 2.17 | 2.28 | 2.40 | 2.51 | 2.74 | 2.96 | 3.19 | 3.41 | 3.64 | 4.08 | 4.53 | 4.97 | 5.41 |
| 950 | 1.75 | 1.99 | 2.24 | 2.37 | 2.49 | 2.61 | 2.74 | 2.99 | 3.23 | 3.48 | 3.72 | 3.97 | 4.45 | 4.93 | 5.41 | 5.89 |
| 1,160 | 2.13 | 2.43 | 2.74 | 2.89 | 3.04 | 3.19 | 3.34 | 3.64 | 3.94 | 4.23 | 4.53 | 4.82 | 5.41 | 5.99 | 6.56 | 7.12 |
| 1,425 | — | 2.99 | 3.35 | 3.54 | 3.72 | 3.91 | 4.09 | 4.45 | 4.81 | 5.17 | 5.53 | 5.89 | 6.59 | 7.27 | 7.95 | 8.61 |
| 1,750 | — | 3.66 | 4.11 | 4.33 | 4.55 | 4.78 | 5.00 | 5.44 | 5.87 | 6.31 | 6.73 | 7.15 | 7.98 | 8.79 | 9.57 | 10.32 |
| 2,850 | — | — | 6.59 | 6.93 | 7.27 | 7.61 | 7.95 | 8.61 | 9.25 | 9.87 | 10.48 | 11.06 | 12.16 | 13.15 | 14.04 | 14.80 |
| 3,450 | — | — | 7.88 | 8.28 | 8.68 | 9.06 | 9.45 | 10.19 | 10.91 | 11.59 | 12.24 | 12.85 | 13.95 | 14.87 | 15.59 | 16.09 |
| 100 | 0.18 | 0.21 | 0.23 | 0.25 | 0.26 | 0.27 | 0.28 | 0.31 | 0.34 | 0.36 | 0.39 | 0.42 | 0.47 | 0.52 | 0.57 | 0.63 |
| 200 | 0.36 | 0.42 | 0.47 | 0.50 | 0.52 | 0.55 | 0.57 | 0.63 | 0.68 | 0.73 | 0.79 | 0.84 | 0.94 | 1.05 | 1.15 | 1.26 |
| 300 | 0.55 | 0.63 | 0.71 | 0.75 | 0.79 | 0.83 | 0.86 | 0.94 | 1.02 | 1.10 | 1.18 | 1.26 | 1.42 | 1.57 | 1.73 | 1.89 |
| 400 | 0.73 | 0.84 | 0.94 | 1.00 | 1.05 | 1.10 | 1.15 | 1.26 | 1.36 | 1.47 | 1.57 | 1.68 | 1.89 | 2.10 | 2.31 | 2.52 |
| 500 | 0.92 | 1.05 | 1.18 | 1.25 | 1.31 | 1.38 | 1.44 | 1.57 | 1.71 | 1.84 | 1.97 | 2.10 | 2.36 | 2.62 | 2.88 | 3.14 |
| 600 | 1.10 | 1.26 | 1.42 | 1.50 | 1.57 | 1.65 | 1.73 | 1.89 | 2.05 | 2.20 | 2.36 | 2.52 | 2.83 | 3.14 | 3.45 | 3.76 |
| 700 | 1.29 | 1.47 | 1.65 | 1.75 | 1.84 | 1.93 | 2.02 | 2.20 | 2.39 | 2.57 | 2.75 | 2.93 | 3.30 | 3.66 | 4.02 | 4.38 |
| 800 | 1.47 | 1.68 | 1.89 | 1.99 | 2.10 | 2.20 | 2.31 | 2.52 | 2.73 | 2.93 | 3.14 | 3.35 | 3.76 | 4.17 | 4.58 | 4.99 |
| 900 | 1.65 | 1.89 | 2.12 | 2.24 | 2.36 | 2.48 | 2.59 | 2.83 | 3.06 | 3.30 | 3.53 | 3.76 | 4.22 | 4.68 | 5.14 | 5.59 |
| 1,000 | 1.84 | 2.10 | 2.36 | 2.49 | 2.62 | 2.75 | 2.88 | 3.14 | 3.40 | 3.66 | 3.92 | 4.17 | 4.68 | 5.19 | 5.69 | 6.18 |
| 1,100 | 2.02 | 2.31 | 2.59 | 2.74 | 2.88 | 3.02 | 3.17 | 3.45 | 3.74 | 4.02 | 4.30 | 4.58 | 5.14 | 5.69 | 6.23 | 6.77 |
| 1,200 | 2.20 | 2.52 | 2.83 | 2.99 | 3.14 | 3.30 | 3.45 | 3.76 | 4.07 | 4.38 | 4.68 | 4.99 | 5.59 | 6.18 | 6.77 | 7.35 |
| 1,300 | — | 2.73 | 3.06 | 3.23 | 3.40 | 3.57 | 3.74 | 4.07 | 4.40 | 4.73 | 5.06 | 5.39 | 6.03 | 6.67 | 7.30 | 7.91 |
| 1,400 | — | 2.93 | 3.30 | 3.48 | 3.66 | 3.84 | 4.02 | 4.38 | 4.73 | 5.09 | 5.44 | 5.79 | 6.48 | 7.15 | 7.82 | 8.47 |
| 1,500 | — | 3.14 | 3.53 | 3.72 | 3.92 | 4.11 | 4.30 | 4.68 | 5.06 | 5.44 | 5.81 | 6.18 | 6.91 | 7.63 | 8.33 | 9.01 |
| 1,600 | — | 3.35 | 3.76 | 3.97 | 4.17 | 4.38 | 4.58 | 4.99 | 5.39 | 5.79 | 6.18 | 6.57 | 7.35 | 8.10 | 8.83 | 9.55 |
| 1,700 | — | 3.55 | 3.99 | 4.21 | 4.43 | 4.64 | 4.86 | 5.29 | 5.71 | 6.13 | 6.55 | 6.96 | 7.77 | 8.56 | 9.33 | 10.07 |
| 1,800 | — | 3.76 | 4.22 | 4.45 | 4.68 | 4.91 | 5.14 | 5.59 | 6.03 | 6.48 | 6.91 | 7.35 | 8.19 | 9.01 | 9.81 | 10.57 |
| 1,900 | — | 3.97 | 4.45 | 4.69 | 4.93 | 5.17 | 5.41 | 5.89 | 6.35 | 6.82 | 7.27 | 7.73 | 8.61 | 9.46 | 10.28 | 11.06 |
| 2,000 | — | 4.17 | 4.68 | 4.93 | 5.19 | 5.44 | 5.69 | 6.18 | 6.67 | 7.15 | 7.63 | 8.10 | 9.01 | 9.89 | 10.73 | 11.53 |
| 2,100 | — | — | 4.91 | 5.17 | 5.44 | 5.70 | 5.96 | 6.48 | 6.99 | 7.49 | 7.98 | 8.47 | 9.41 | 10.32 | 11.18 | 11.99 |
| 2,200 | — | — | 5.14 | 5.41 | 5.69 | 5.96 | 6.23 | 6.77 | 7.30 | 7.82 | 8.33 | 8.83 | 9.81 | 10.73 | 11.61 | 12.43 |
| 2,300 | — | — | 5.36 | 5.65 | 5.94 | 6.22 | 6.50 | 7.06 | 7.61 | 8.15 | 8.68 | 9.19 | 10.19 | 11.14 | 12.03 | 12.85 |
| 2,400 | — | — | 5.59 | 5.89 | 6.18 | 6.48 | 6.77 | 7.35 | 7.91 | 8.47 | 9.01 | 9.55 | 10.57 | 11.53 | 12.43 | 13.25 |
| 2,500 | — | — | 5.81 | 6.12 | 6.43 | 6.73 | 7.03 | 7.63 | 8.22 | 8.79 | 9.35 | 9.89 | 10.94 | 11.91 | 12.81 | 13.63 |
| 2,600 | — | — | 6.03 | 6.35 | 6.67 | 6.99 | 7.30 | 7.91 | 8.52 | 9.10 | 9.68 | 10.24 | 11.30 | 12.28 | 13.18 | 13.99 |
| 2,700 | — | — | 6.26 | 6.59 | 6.91 | 7.24 | 7.56 | 8.19 | 8.81 | 9.41 | 10.00 | 10.57 | 11.65 | 12.64 | 13.54 | 14.33 |
| 2,800 | — | — | 6.48 | 6.82 | 7.15 | 7.49 | 7.82 | 8.47 | 9.10 | 9.72 | 10.32 | 10.90 | 11.99 | 12.99 | 13.87 | 14.65 |
| 2,900 | — | — | 6.70 | 7.05 | 7.39 | 7.74 | 8.08 | 8.74 | 9.39 | 10.02 | 10.63 | 11.22 | 12.32 | 13.32 | 14.19 | 14.94 |
| 3,000 | — | — | 6.91 | 7.27 | 7.63 | 7.98 | 8.33 | 9.01 | 9.68 | 10.32 | 10.94 | 11.53 | 12.64 | 13.63 | 14.49 | 15.21 |
| 3,200 | — | — | 7.35 | 7.73 | 8.10 | 8.47 | 8.83 | 9.55 | 10.23 | 10.90 | 11.53 | 12.14 | 13.25 | 14.22 | 15.03 | 15.67 |
| 3,400 | — | — | 7.77 | 8.17 | 8.56 | 8.95 | 9.33 | 10.07 | 10.78 | 11.45 | 12.10 | 12.71 | 13.81 | 14.75 | 15.49 | 16.02 |
| 3,600 | — | — | — | — | 9.01 | 9.41 | 9.81 | 10.57 | 11.30 | 11.99 | 12.64 | 13.25 | 14.33 | 15.21 | 15.86 | 16.26 |
| 3,800 | — | — | — | — | 9.46 | 9.87 | 10.28 | 11.06 | 11.80 | 12.50 | 13.15 | 13.75 | 14.80 | 15.60 | 16.13 | 16.38 |
| 4,000 | — | — | — | — | 9.89 | 10.32 | 10.73 | 11.53 | 12.28 | 12.99 | 13.63 | 14.22 | 15.21 | 15.92 | 16.31 | 16.37 |
| 4,200 | — | — | — | — | 10.32 | 10.75 | 11.18 | 11.99 | 12.75 | 13.44 | 14.08 | 14.65 | 15.56 | 16.16 | 16.39 | 16.23 |
| 4,400 | — | — | — | — | 10.73 | 11.18 | 11.61 | 12.43 | 13.18 | 13.87 | 14.49 | 15.03 | 15.89 | 16.31 | 16.36 | 15.94 |
| 4,600 | — | — | — | — | 11.14 | 11.59 | 12.03 | 12.85 | 13.60 | 14.28 | 14.87 | 15.37 | 16.09 | 16.39 | 16.21 | 15.51 |
| 4,800 | — | — | — | — | 11.53 | 11.99 | 12.43 | 13.25 | 13.99 | 14.65 | 15.21 | 15.67 | 16.26 | 16.37 | 15.94 | 14.93 |
| 5,000 | — | — | — | — | 11.91 | 12.37 | 12.81 | 13.63 | 14.36 | 14.99 | 15.51 | 15.92 | 16.36 | 16.26 | 15.55 | — |
| 5,200 | — | — | — | — | 12.28 | 12.75 | 13.18 | 13.99 | 14.70 | 15.29 | 15.77 | 16.11 | 16.39 | 16.05 | — | — |
| 5,400 | — | — | — | — | 12.64 | 13.10 | 13.54 | 14.33 | 15.01 | 15.56 | 15.98 | 16.26 | 16.35 | 15.75 | — | — |
| 5,600 | — | — | — | — | 12.99 | 13.44 | 13.87 | 14.65 | 15.29 | 15.80 | 16.16 | 16.35 | 16.23 | 15.34 | — | — |
| 5,800 | — | — | — | — | 13.32 | 13.77 | 14.19 | 14.94 | 15.54 | 16.00 | 16.28 | 16.39 | 16.03 | 14.82 | — | — |
| 6,000 | — | — | — | — | 13.63 | 14.08 | 14.49 | 15.21 | 15.77 | 16.16 | 16.36 | 16.37 | 15.75 | — | — | — |

●印の範囲では耐久時間が減少しますのでできるだけ避けてください。

●印の範囲ではプーリ周速が33m/sec以上となりますのでご使用プーリは動バランスをとってください。なお、鋳物材のプーリは使用を避けてください。

●上表はベルト幅25.4mmを基準にしていますのでベルト幅が25.4mm以外の場合は表13-aの幅補正係数をかけてください。

Timing Belt Type G & Type U ■設計資料編

XH

基準伝動容量表

表14- a XH ベルト幅補正係数

| ベルト幅 | 呼称 | 200 | 300 | 400 | 500 | 600 |
|-----------|----|------|------|-------|-------|-------|
| | mm | 50.8 | 76.2 | 101.6 | 127.0 | 152.4 |
| 幅 補 正 係 数 | | 2.14 | 3.36 | 4.76 | 6.15 | 7.50 |

表14 XH 基準伝動容量表 ベルト幅25.4mmあたり (単位:kW)

| プーリ歯数 小プーリ 回転数rpm | 18歯 | 20歯 | 22歯 | 24歯 | 25歯 | 26歯 | 28歯 | 30歯 | 32歯 | 36歯 | 40歯 |
|-------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | | | | | | | | |
| 480 | 2.70 | 3.00 | 3.30 | 3.59 | 3.74 | 3.89 | 4.18 | 4.48 | 4.77 | 5.35 | 5.92 |
| 510 | 2.87 | 3.19 | 3.50 | 3.82 | 3.97 | 4.13 | 4.44 | 4.75 | 5.06 | 5.67 | 6.28 |
| 575 | 3.23 | 3.59 | 3.94 | 4.29 | 4.47 | 4.65 | 4.99 | 5.34 | 5.68 | 6.37 | 7.04 |
| 690 | 3.87 | 4.29 | 4.72 | 5.13 | 5.34 | 5.55 | 5.96 | 6.37 | 6.77 | 7.57 | 8.34 |
| 725 | 4.07 | 4.51 | 4.95 | 5.39 | 5.60 | 5.82 | 6.25 | 6.67 | 7.10 | 7.92 | 8.73 |
| 870 | 4.86 | 5.39 | 5.91 | 6.42 | 6.67 | 6.93 | 7.43 | 7.92 | 8.41 | 9.36 | 10.27 |
| 1,160 | 6.42 | 7.10 | 7.76 | 8.41 | 8.73 | 9.05 | 9.67 | 10.27 | 10.86 | 11.98 | 13.01 |
| 1,425 | — | 8.59 | 9.37 | 10.12 | 10.48 | 10.84 | 11.54 | 12.20 | 12.84 | 13.99 | 14.99 |
| 1,750 | — | 10.33 | 11.20 | 12.03 | 12.43 | 12.81 | 13.54 | 14.21 | 14.83 | 15.85 | 16.57 |
| 2,850 | — | — | — | 16.44 | 16.67 | 16.85 | 17.04 | 16.97 | 16.65 | 15.13 | 12.35 |
| 3,450 | — | — | — | 17.04 | 16.95 | 16.76 | 16.08 | 14.96 | — | — | — |
| 100 | 0.56 | 0.62 | 0.69 | 0.75 | 0.78 | 0.81 | 0.88 | 0.94 | 1.00 | 1.13 | 1.25 |
| 200 | 1.13 | 1.25 | 1.38 | 1.50 | 1.57 | 1.63 | 1.75 | 1.88 | 2.00 | 2.25 | 2.50 |
| 300 | 1.69 | 1.88 | 2.07 | 2.25 | 2.35 | 2.44 | 2.63 | 2.81 | 3.00 | 3.37 | 3.74 |
| 400 | 2.25 | 2.50 | 2.75 | 3.00 | 3.13 | 3.25 | 3.50 | 3.74 | 3.99 | 4.48 | 4.96 |
| 500 | 2.81 | 3.13 | 3.43 | 3.74 | 3.90 | 4.05 | 4.36 | 4.66 | 4.96 | 5.57 | 6.16 |
| 600 | 3.37 | 3.74 | 4.11 | 4.48 | 4.66 | 4.84 | 5.21 | 5.57 | 5.92 | 6.63 | 7.33 |
| 700 | 3.93 | 4.36 | 4.78 | 5.21 | 5.42 | 5.63 | 6.04 | 6.45 | 6.86 | 7.67 | 8.46 |
| 800 | 4.48 | 4.96 | 5.45 | 5.92 | 6.16 | 6.40 | 6.86 | 7.33 | 7.78 | 8.68 | 9.54 |
| 900 | 5.02 | 5.57 | 6.10 | 6.63 | 6.89 | 7.15 | 7.67 | 8.18 | 8.68 | 9.65 | 10.58 |
| 1,000 | 5.57 | 6.16 | 6.75 | 7.33 | 7.61 | 7.90 | 8.46 | 9.00 | 9.54 | 10.58 | 11.56 |
| 1,100 | 6.10 | 6.75 | 7.38 | 8.01 | 8.32 | 8.62 | 9.22 | 9.81 | 10.38 | 11.47 | 12.49 |
| 1,200 | — | 7.33 | 8.01 | 8.68 | 9.00 | 9.33 | 9.96 | 10.58 | 11.18 | 12.31 | 13.34 |
| 1,300 | — | 7.90 | 8.62 | 9.33 | 9.67 | 10.02 | 10.68 | 11.32 | 11.94 | 13.09 | 14.12 |
| 1,400 | — | 8.46 | 9.22 | 9.96 | 10.33 | 10.68 | 11.37 | 12.03 | 12.66 | 13.82 | 14.83 |
| 1,500 | — | 9.00 | 9.81 | 10.58 | 10.96 | 11.32 | 12.03 | 12.71 | 13.34 | 14.48 | 15.44 |
| 1,600 | — | 9.54 | 10.38 | 11.18 | 11.56 | 11.94 | 12.66 | 13.34 | 13.97 | 15.08 | 15.97 |
| 1,700 | — | 10.07 | 10.93 | 11.75 | 12.15 | 12.53 | 13.26 | 13.93 | 14.55 | 15.61 | 16.40 |
| 1,800 | — | — | 11.47 | 12.31 | 12.71 | 13.09 | 13.82 | 14.48 | 15.08 | 16.06 | 16.72 |
| 1,900 | — | — | 11.99 | 12.84 | 13.24 | 13.62 | 14.34 | 14.99 | 15.56 | 16.44 | 16.94 |
| 2,000 | — | — | 12.49 | 13.34 | 13.74 | 14.12 | 14.83 | 15.44 | 15.97 | 16.72 | 17.04 |
| 2,100 | — | — | 12.96 | 13.82 | 14.21 | 14.59 | 15.27 | 15.85 | 16.32 | 16.92 | 17.02 |
| 2,200 | — | — | 13.42 | 14.27 | 14.66 | 15.02 | 15.66 | 16.20 | 16.61 | 17.03 | 16.87 |
| 2,300 | — | — | 13.86 | 14.69 | 15.07 | 15.41 | 16.02 | 16.49 | 16.82 | 17.04 | 16.58 |
| 2,400 | — | — | 14.27 | 15.08 | 15.44 | 15.77 | 16.32 | 16.72 | 16.97 | 16.94 | 16.16 |
| 2,500 | — | — | — | 15.44 | 15.78 | 16.09 | 16.57 | 16.89 | 17.04 | 16.74 | 15.59 |
| 2,600 | — | — | — | 15.77 | 16.09 | 16.36 | 16.77 | 17.00 | 17.03 | 16.43 | 14.86 |
| 2,700 | — | — | — | 16.06 | 16.35 | 16.59 | 16.92 | 17.04 | 16.94 | 16.00 | — |
| 2,800 | — | — | — | 16.32 | 16.57 | 16.77 | 17.01 | 17.02 | 16.77 | 15.45 | — |
| 2,900 | — | — | — | 16.54 | 16.76 | 16.91 | 17.04 | 16.92 | 16.51 | 14.78 | — |
| 3,000 | — | — | — | 16.72 | 16.89 | 17.00 | 17.02 | 16.74 | 16.16 | — | — |
| 3,200 | — | — | — | 16.97 | 17.04 | 17.03 | 16.77 | 16.16 | 15.17 | — | — |
| 3,400 | — | — | — | 17.04 | 16.99 | 16.84 | 16.25 | 15.24 | 13.79 | — | — |
| 3,600 | — | — | — | 16.94 | 16.74 | 16.43 | 15.45 | 13.98 | — | — | — |
| 3,800 | — | — | — | 16.65 | 16.28 | 15.77 | 14.35 | — | — | — | — |
| 4,000 | — | — | — | 16.16 | 15.59 | 14.86 | — | — | — | — | — |
| 4,200 | — | — | — | 15.45 | 14.66 | 13.68 | — | — | — | — | — |
| 4,400 | — | — | — | 14.53 | 13.48 | — | — | — | — | — | — |

- 印の範囲では耐久時間が減少しますのでできるだけ避けてください。
- 印の範囲ではプーリ周速が33m/sec以上となりますのでご使用プーリは動バランスをとってください。なお、鋳物材のプーリ使用を避けてください。
- 印の範囲では上記2つが重なりますのでできるだけ避けてください。
- 上表はベルト幅25.4mmを基準にしていますのでベルト幅が25.4mm以外の場合は表14-aの幅補正係数をかけてください。

表15-a XXH ベルト幅補正係数

| ベルト幅 | 呼称 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 |
|-------|----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | mm | 50.8 | 76.2 | 101.6 | 127.0 | 152.4 | 177.8 | 203.2 | 228.6 | 254 | 279.4 | 304.8 |
| 幅補正係数 | | 2.14 | 3.36 | 4.76 | 6.15 | 7.50 | 8.89 | 10.32 | 11.70 | 13.10 | 14.41 | 15.84 |

表15 XXH 基準伝動容量表 ベルト幅25.4mmあたり (単位:kW)

| プーリ歯数 ピッチ径(mm) プーリ回転数 rpm | 18歯 | 20歯 | 22歯 | 24歯 | 25歯 | 26歯 | 28歯 | 30歯 | 32歯 | 34歯 | 36歯 | 40歯 |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 480 | 4.71 | 5.23 | 5.74 | 6.25 | 6.50 | 6.75 | 7.25 | 7.75 | 8.24 | 8.72 | 9.20 | 10.15 |
| 510 | 5.00 | 5.55 | 6.09 | 6.63 | 6.89 | 7.16 | 7.68 | 8.21 | 8.72 | 9.23 | 9.74 | 10.72 |
| 575 | 5.63 | 6.24 | 6.84 | 7.44 | 7.73 | 8.03 | 8.61 | 9.19 | 9.76 | 10.31 | 10.86 | 11.93 |
| 690 | 6.92 | 7.44 | 8.14 | 8.84 | 9.19 | 9.53 | 10.20 | 10.86 | 11.51 | 12.14 | 12.76 | 13.94 |
| 725 | 7.05 | 7.80 | 8.54 | 9.26 | 9.62 | 9.98 | 10.67 | 11.36 | 12.03 | 12.68 | 13.31 | 14.51 |
| 870 | 8.39 | 9.26 | 10.12 | 10.95 | 11.36 | 11.76 | 12.55 | 13.31 | 14.04 | 14.74 | 15.41 | 16.64 |
| 950 | 9.11 | 10.05 | 10.96 | 11.84 | 12.27 | 12.70 | 13.52 | 14.31 | 15.06 | 15.77 | 16.44 | 17.65 |
| 1,160 | 10.95 | 12.03 | 13.06 | 14.04 | 14.51 | 14.97 | 15.84 | 16.64 | 17.39 | 18.05 | 18.65 | 19.59 |
| 1,425 | — | 14.31 | 15.42 | 16.44 | 16.92 | 17.36 | 18.18 | 18.88 | 19.45 | 19.89 | 20.19 | 20.34 |
| 1,750 | — | 16.71 | 17.79 | 18.70 | 19.09 | 19.43 | 19.96 | 20.28 | 20.36 | 20.20 | 19.78 | 18.09 |
| 2,850 | — | 20.34 | 19.83 | 18.58 | 17.67 | 16.54 | — | — | — | — | — | — |
| 100 | 0.99 | 1.10 | 1.21 | 1.32 | 1.37 | 1.43 | 1.54 | 1.65 | 1.76 | 1.86 | 1.97 | 2.19 |
| 200 | 1.97 | 2.19 | 2.41 | 2.63 | 2.74 | 2.85 | 3.07 | 3.29 | 3.50 | 3.72 | 3.94 | 4.37 |
| 300 | 2.96 | 3.29 | 3.61 | 3.94 | 4.10 | 4.26 | 4.58 | 4.91 | 5.23 | 5.55 | 5.87 | 6.50 |
| 400 | 3.94 | 4.37 | 4.80 | 5.23 | 5.44 | 5.65 | 6.08 | 6.50 | 6.92 | 7.33 | 7.75 | 8.56 |
| 500 | 4.91 | 5.44 | 5.97 | 6.50 | 6.76 | 7.02 | 7.54 | 8.05 | 8.56 | 9.06 | 9.56 | 10.53 |
| 600 | 5.87 | 6.50 | 7.13 | 7.75 | 8.05 | 8.36 | 8.96 | 9.56 | 10.15 | 10.72 | 11.29 | 12.39 |
| 700 | 6.81 | 7.54 | 8.26 | 8.96 | 9.31 | 9.66 | 10.34 | 11.01 | 11.66 | 12.30 | 12.92 | 14.10 |
| 800 | 7.75 | 8.56 | 9.63 | 10.15 | 10.53 | 10.91 | 11.66 | 12.39 | 13.09 | 13.77 | 14.43 | 15.66 |
| 900 | 8.66 | 9.56 | 10.43 | 11.29 | 11.70 | 12.12 | 12.92 | 13.69 | 14.43 | 15.14 | 15.81 | 17.04 |
| 1,000 | 9.56 | 10.53 | 11.47 | 12.39 | 12.83 | 13.26 | 14.10 | 14.90 | 15.66 | 16.37 | 17.04 | 18.20 |
| 1,100 | 10.43 | 11.47 | 12.48 | 13.43 | 13.90 | 14.35 | 15.21 | 16.02 | 16.78 | 17.47 | 18.10 | 19.14 |
| 1,200 | — | 12.39 | 13.43 | 14.43 | 14.90 | 15.36 | 16.23 | 17.04 | 17.76 | 18.41 | 18.98 | 19.83 |
| 1,300 | — | 13.26 | 14.35 | 15.36 | 15.84 | 16.30 | 17.16 | 17.93 | 18.61 | 19.19 | 19.65 | 20.25 |
| 1,400 | — | 14.10 | 15.21 | 16.23 | 16.71 | 17.16 | 17.99 | 18.70 | 19.30 | 19.78 | 20.11 | 20.36 |
| 1,500 | — | 14.90 | 16.02 | 17.04 | 17.50 | 17.93 | 18.70 | 19.34 | 19.83 | 20.17 | 20.34 | 20.16 |
| 1,600 | — | 15.66 | 16.78 | 17.76 | 18.20 | 18.61 | 19.30 | 19.83 | 20.19 | 20.35 | 20.32 | 19.61 |
| 1,700 | — | 16.37 | 17.47 | 18.41 | 18.82 | 19.19 | 19.78 | 20.17 | 20.35 | 20.31 | 20.03 | 18.69 |
| 1,800 | — | 17.04 | 18.10 | 18.98 | 19.34 | 19.65 | 20.11 | 20.34 | 20.32 | 20.03 | 19.46 | 17.39 |
| 1,900 | — | 17.65 | 18.66 | 19.45 | 19.76 | 20.01 | 20.31 | 20.34 | 20.07 | 19.49 | 18.58 | — |
| 2,000 | — | 18.20 | 19.14 | 19.83 | 20.07 | 20.25 | 20.36 | 20.16 | 19.61 | 18.69 | — | — |
| 2,100 | — | 18.70 | 19.56 | 20.11 | 20.28 | 20.36 | 20.25 | 19.78 | 18.91 | 17.61 | — | — |
| 2,200 | — | 19.14 | 19.89 | 20.29 | 20.36 | 20.33 | 19.98 | 19.20 | 17.96 | 16.23 | — | — |
| 2,300 | — | 19.52 | 20.13 | 20.36 | 20.32 | 20.17 | 19.53 | 18.41 | 16.75 | — | — | — |
| 2,400 | — | 19.83 | 20.29 | 20.32 | 20.16 | 19.87 | 18.91 | 17.39 | 15.28 | — | — | — |
| 2,500 | — | 20.07 | 20.36 | 20.16 | 19.86 | 19.41 | 18.09 | — | — | — | — | — |
| 2,600 | — | 20.25 | 20.33 | 19.87 | 19.41 | 18.80 | 17.08 | — | — | — | — | — |
| 2,800 | — | 20.36 | 19.98 | 18.91 | 18.09 | 17.08 | 14.44 | — | — | — | — | — |
| 3,000 | — | 20.16 | 19.20 | 17.39 | 16.14 | — | — | — | — | — | — | — |

- 印の範囲では耐久時間が減少しますのでできるだけ避けてください。
- 印の範囲ではプーリ周速が33m/sec以上となりますのでご使用プーリは動バランスをとってください。なお、鋳物材のプーリは使用を避けてください。
- 印の範囲では上記2つが重なりますのでできるだけ避けてください。
- 上表はベルト幅を25.4mmを基準にしていますのでベルト幅が25.4mm以外の場合は表15-aの幅補正係数をかけてください。

T5・DT5 基準伝動容量表

表16- a T5(DT5) ベルト幅補正係数

| ベルト幅(mm) | 5 | 10 | 15 | 20 |
|-----------|------|-----|-----|-----|
| 幅 補 正 係 数 | 0.35 | 1.0 | 1.6 | 2.3 |

表16 T5(DT5) 基準伝動容量表 ベルト幅10mmあたり (単位:W)

| プーリ歯数 小プーリ 回転数rpm | 12歯 | 14歯 | 16歯 | 18歯 | 20歯 | 22歯 | 24歯 | 28歯 | 30歯 |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ピッチ径 | 19.10 | 22.28 | 25.46 | 28.65 | 31.83 | 35.01 | 38.20 | 44.56 | 47.75 |
| 1,160 | 98.5 | 114.9 | 131.3 | 147.7 | 164.1 | 180.5 | 196.9 | 229.7 | 246.1 |
| 1,750 | 134.3 | 156.7 | 179.1 | 201.5 | 223.9 | 246.3 | 268.7 | 313.5 | 335.9 |
| 3,500 | 222.5 | 259.6 | 296.7 | 333.7 | 370.8 | 407.9 | 445.0 | 519.1 | 556.2 |
| 100 | 10.7 | 12.4 | 14.2 | 16.0 | 17.8 | 19.5 | 21.3 | 24.9 | 26.6 |
| 200 | 20.8 | 24.3 | 27.7 | 31.2 | 34.7 | 38.2 | 41.6 | 48.6 | 52.0 |
| 300 | 30.5 | 35.6 | 40.7 | 45.7 | 50.8 | 55.9 | 61.0 | 71.2 | 76.2 |
| 400 | 39.7 | 46.4 | 53.0 | 59.6 | 66.2 | 72.9 | 79.5 | 92.7 | 99.4 |
| 500 | 48.6 | 56.7 | 64.8 | 72.9 | 81.0 | 89.1 | 97.2 | 113.4 | 121.5 |
| 600 | 57.0 | 66.5 | 76.0 | 85.6 | 95.1 | 104.6 | 114.1 | 133.1 | 142.6 |
| 700 | 65.1 | 76.0 | 86.8 | 97.7 | 108.6 | 119.4 | 130.3 | 152.0 | 162.8 |
| 800 | 72.9 | 85.0 | 97.2 | 109.3 | 121.5 | 133.6 | 145.8 | 170.1 | 182.2 |
| 900 | 80.3 | 93.7 | 107.1 | 120.5 | 133.9 | 147.3 | 160.7 | 187.5 | 200.9 |
| 1,000 | 87.5 | 102.1 | 116.7 | 131.3 | 145.9 | 160.5 | 175.0 | 204.2 | 218.8 |
| 1,100 | 94.4 | 110.2 | 125.9 | 141.6 | 157.4 | 173.1 | 188.9 | 220.3 | 236.1 |
| 1,200 | 101.1 | 117.9 | 134.8 | 151.6 | 168.5 | 185.3 | 202.2 | 235.9 | 252.7 |
| 1,300 | 107.5 | 125.5 | 143.4 | 161.3 | 179.2 | 197.2 | 215.1 | 250.9 | 268.9 |
| 1,400 | 113.8 | 132.8 | 151.7 | 170.7 | 189.7 | 208.6 | 227.6 | 265.5 | 284.5 |
| 1,500 | 119.9 | 139.8 | 159.8 | 179.8 | 200.0 | 219.2 | 239.7 | 279.7 | 299.7 |
| 1,600 | 125.8 | 146.7 | 167.7 | 188.6 | 209.6 | 230.6 | 251.5 | 293.4 | 314.4 |
| 1,700 | 131.5 | 153.4 | 175.4 | 197.3 | 219.2 | 241.1 | 263.0 | 306.9 | 328.8 |
| 1,800 | 137.1 | 160.0 | 182.9 | 205.7 | 228.6 | 251.4 | 274.3 | 320.0 | 342.8 |
| 1,900 | 142.6 | 166.4 | 190.2 | 214.0 | 237.7 | 261.5 | 285.3 | 332.8 | 356.6 |
| 2,000 | 148.0 | 172.7 | 197.4 | 222.1 | 246.7 | 271.4 | 296.1 | 345.4 | 370.1 |
| 2,200 | 158.6 | 185.0 | 211.4 | 237.8 | 264.3 | 290.7 | 317.8 | 370.0 | 396.4 |
| 2,400 | 168.8 | 196.9 | 225.1 | 253.2 | 281.4 | 309.5 | 337.6 | 393.9 | 422.0 |
| 2,600 | 178.8 | 208.7 | 238.5 | 268.3 | 298.1 | 327.9 | 357.7 | 417.3 | 447.1 |
| 2,800 | 188.7 | 220.2 | 251.6 | 283.1 | 314.5 | 346.0 | 377.4 | 440.4 | 471.8 |
| 3,000 | 198.5 | 231.6 | 264.6 | 297.7 | 330.8 | 363.9 | 397.0 | 463.1 | 496.2 |
| 3,200 | 208.2 | 242.8 | 277.5 | 312.2 | 346.9 | 381.6 | 416.3 | 485.7 | 520.4 |
| 3,400 | 217.7 | 254.0 | 290.3 | 326.6 | 362.9 | 399.2 | 435.5 | 508.0 | 544.3 |
| 3,600 | 227.2 | 265.1 | 303.0 | 340.8 | 378.7 | 416.6 | 454.4 | 530.2 | 568.1 |
| 3,800 | 236.6 | 276.0 | 315.5 | 354.9 | 394.3 | 433.8 | 473.2 | 552.1 | 591.5 |
| 4,000 | 245.8 | 286.8 | 327.7 | 368.7 | 409.7 | 450.7 | 491.6 | 573.6 | 614.5 |
| 4,200 | 254.8 | 297.3 | 339.7 | 382.2 | 424.7 | 467.2 | 509.6 | 594.6 | 637.0 |
| 4,400 | 263.5 | 307.4 | 351.4 | 395.3 | 439.2 | 483.1 | 527.1 | 614.9 | 658.8 |
| 4,600 | 271.9 | 317.2 | 362.5 | 407.8 | 453.1 | 498.4 | 543.7 | 634.4 | 679.7 |
| 4,800 | 279.7 | 326.4 | 373.0 | 419.6 | 466.2 | 512.8 | 559.5 | 652.7 | 699.3 |
| 5,000 | 287.0 | 334.8 | 382.7 | 430.5 | 478.3 | 526.2 | 574.0 | 669.7 | 717.5 |
| 5,500 | — | — | 402.2 | 452.4 | 502.7 | 553.0 | 603.2 | 703.8 | 754.1 |
| 6,000 | — | — | 412.1 | 463.6 | 515.1 | 566.6 | 618.1 | 721.1 | 772.6 |
| 6,500 | — | — | 408.2 | 459.2 | 510.2 | 561.2 | 612.2 | 714.3 | 765.3 |
| 7,000 | — | — | 385.3 | 433.5 | 481.7 | 529.8 | 578.0 | 674.3 | 722.5 |
| 7,500 | — | — | 337.7 | 379.9 | 422.1 | 464.3 | 506.6 | 591.0 | 633.2 |
| 8,000 | — | — | — | 290.8 | 323.1 | 355.5 | 387.8 | 452.4 | 484.7 |
| 8,500 | — | — | — | 157.7 | 175.3 | 192.8 | 210.3 | 245.4 | 262.9 |

- 印の範囲では耐久時間が減少しますのでできるだけ避けてください。
- 上表はベルト幅10mmを基準にしていますのでベルト幅が10mm以外の場合は表16-aの幅補正係数をかけてください。

表17-a T10(DT10) ベルト幅補正係数

| ベルト幅(mm) | 10 | 15 | 20 | 25 | 30 | 40 | 50 |
|-----------|-----|-----|-----|-----|-----|-----|-----|
| 幅 補 正 係 数 | 1.0 | 1.6 | 2.3 | 2.9 | 3.5 | 4.6 | 5.8 |

表17 T10(DT10) 基準伝動容量表 ベルト幅10mmあたり (単位:W)

| プーリ歯数 小プーリ 回転数rpm | 12歯 | 14歯 | 16歯 | 18歯 | 20歯 | 22歯 | 24歯 | 26歯 | 28歯 | 30歯 | 32歯 | 36歯 | 40歯 | 44歯 | 48歯 |
|-------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| プーリ歯数 ピッチ径 | 38.20 | 44.56 | 50.93 | 57.30 | 63.66 | 70.03 | 76.39 | 82.76 | 89.12 | 95.49 | 101.86 | 114.59 | 127.32 | 140.06 | 152.79 |
| 870 | 254.9 | 297.4 | 339.9 | 382.4 | 424.9 | 467.4 | 509.9 | 552.4 | 594.9 | 637.4 | 679.8 | 764.8 | 849.8 | 938.8 | 1019.8 |
| 1,160 | 321.2 | 374.8 | 428.3 | 481.8 | 535.4 | 588.9 | 642.4 | 696.0 | 749.5 | 803.0 | 856.6 | 963.7 | 1070.7 | 1177.8 | 1284.9 |
| 1,750 | 438.3 | 511.3 | 584.4 | 657.4 | 730.5 | 803.5 | 876.6 | 949.6 | 1022.7 | 1095.7 | 1168.8 | 1314.9 | 1461.0 | 1607.1 | 1753.2 |
| 3,500 | — | 846.8 | 967.8 | 1088.7 | 1209.7 | 1330.6 | 1451.6 | 1572.6 | 1693.6 | 1814.6 | 1935.5 | 2177.5 | 2419.4 | 2661.4 | 2903.3 |
| 100 | 34.8 | 40.6 | 46.4 | 52.1 | 57.9 | 63.7 | 69.5 | 75.3 | 81.1 | 86.9 | 92.7 | 104.3 | 115.9 | 127.5 | 139.1 |
| 200 | 67.9 | 79.2 | 90.5 | 101.9 | 113.2 | 124.5 | 135.8 | 147.1 | 158.4 | 169.8 | 181.1 | 203.7 | 226.3 | 249.0 | 271.6 |
| 300 | 99.5 | 116.1 | 132.7 | 149.3 | 165.8 | 182.4 | 199.0 | 215.6 | 232.2 | 248.8 | 265.3 | 298.5 | 331.7 | 364.9 | 398.0 |
| 400 | 129.7 | 151.3 | 172.9 | 194.5 | 216.1 | 237.7 | 259.4 | 281.0 | 302.6 | 324.2 | 345.8 | 389.0 | 432.3 | 475.5 | 518.7 |
| 500 | 158.5 | 184.9 | 211.3 | 237.8 | 264.2 | 290.6 | 317.0 | 343.4 | 369.8 | 396.3 | 422.7 | 475.5 | 528.3 | 581.2 | 634.0 |
| 600 | 186.1 | 217.1 | 248.1 | 279.1 | 310.1 | 341.1 | 372.2 | 403.2 | 434.2 | 465.2 | 496.2 | 558.2 | 620.3 | 682.3 | 744.3 |
| 700 | 212.5 | 247.9 | 283.3 | 318.7 | 354.2 | 389.6 | 425.0 | 460.4 | 495.8 | 531.2 | 566.6 | 637.5 | 708.3 | 779.1 | 850.0 |
| 800 | 237.8 | 277.5 | 317.1 | 356.7 | 396.4 | 436.0 | 475.6 | 515.3 | 554.9 | 594.5 | 634.2 | 713.4 | 792.7 | 872.0 | 951.3 |
| 900 | 262.1 | 305.8 | 349.5 | 393.2 | 436.9 | 480.6 | 524.3 | 568.0 | 611.7 | 655.3 | 699.0 | 786.4 | 873.8 | 961.2 | 1048.6 |
| 1,000 | 285.5 | 333.1 | 380.7 | 428.3 | 475.9 | 523.5 | 571.1 | 618.7 | 666.2 | 713.8 | 761.4 | 856.6 | 951.8 | 1047.0 | 1142.1 |
| 1,100 | 308.1 | 359.4 | 410.8 | 462.1 | 513.5 | 564.8 | 616.2 | 667.5 | 718.8 | 770.2 | 821.5 | 924.2 | 1026.9 | 1129.6 | 1232.3 |
| 1,200 | 329.8 | 384.8 | 439.8 | 494.7 | 549.7 | 604.7 | 659.7 | 714.6 | 769.6 | 824.6 | 879.6 | 989.5 | 1099.4 | 1209.4 | 1319.3 |
| 1,300 | 350.9 | 409.4 | 467.8 | 526.3 | 584.8 | 644.3 | 701.4 | 760.2 | 818.7 | 877.2 | 935.7 | 1052.6 | 1169.6 | 1286.5 | 1403.5 |
| 1,400 | 371.3 | 433.1 | 495.0 | 556.9 | 618.8 | 680.6 | 742.5 | 804.4 | 866.3 | 928.1 | 990.0 | 1113.8 | 1237.5 | 1361.3 | 1485.0 |
| 1,500 | 391.0 | 456.2 | 521.4 | 586.6 | 651.7 | 716.9 | 782.1 | 847.3 | 912.4 | 977.6 | 1042.8 | 1173.1 | 1303.5 | 1433.8 | 1564.2 |
| 1,600 | 410.3 | 478.7 | 547.1 | 615.4 | 683.8 | 752.2 | 820.6 | 889.0 | 957.4 | 1025.7 | 1094.1 | 1230.9 | 1367.7 | 1504.4 | 1641.2 |
| 1,700 | 429.1 | 500.6 | 572.1 | 643.6 | 715.1 | 786.6 | 858.1 | 929.6 | 1001.2 | 1072.7 | 1144.2 | 1287.2 | 1430.2 | 1573.3 | 1716.3 |
| 1,800 | 447.4 | 522.0 | 596.5 | 671.1 | 745.7 | 820.2 | 894.8 | 969.4 | 1043.9 | 1118.5 | 1193.1 | 1342.2 | 1485.1 | 1628.1 | 1771.1 |
| 1,900 | 465.4 | 542.9 | 620.5 | 698.0 | 775.6 | 853.1 | 930.7 | 1008.3 | 1085.8 | 1163.4 | 1240.9 | 1396.1 | 1551.2 | 1706.3 | 1861.4 |
| 2,000 | 483.0 | 563.5 | 643.9 | 724.4 | 804.9 | 885.4 | 965.9 | 1046.4 | 1126.9 | 1207.4 | 1287.9 | 1448.9 | 1609.9 | 1770.9 | 1931.8 |
| 2,200 | 517.3 | 603.5 | 689.7 | 776.0 | 862.2 | 948.4 | 1034.6 | 1120.8 | 1207.1 | 1293.3 | 1379.5 | 1551.9 | 1724.4 | 1896.8 | 2069.2 |
| 2,400 | 550.7 | 642.5 | 734.3 | 826.1 | 917.9 | 1009.7 | 1101.4 | 1193.8 | 1285.0 | 1376.8 | 1468.6 | 1652.2 | 1835.8 | 2019.3 | 2202.9 |
| 2,600 | 583.5 | 680.7 | 777.9 | 875.2 | 972.4 | 1069.7 | 1166.9 | 1264.1 | 1361.4 | 1458.6 | 1555.9 | 1750.4 | 1944.9 | 2139.3 | 2333.8 |
| 2,800 | 615.7 | 718.3 | 820.9 | 923.5 | 1026.1 | 1128.7 | 1231.3 | 1333.9 | 1436.6 | 1539.2 | 1641.8 | 1847.0 | 2052.3 | 2257.5 | 2462.7 |
| 3,000 | — | 755.4 | 863.4 | 971.3 | 1079.2 | 1187.1 | 1295.0 | 1402.9 | 1510.9 | 1618.8 | 1726.7 | 1942.5 | 2158.4 | 2374.2 | 2590.1 |
| 3,200 | — | 792.2 | 905.4 | 1018.6 | 1131.8 | 1244.9 | 1358.1 | 1471.2 | 1584.5 | 1697.6 | 1810.8 | 2037.2 | 2263.5 | 2489.9 | 2716.2 |
| 3,400 | — | 828.7 | 947.1 | 1065.5 | 1183.8 | 1302.2 | 1420.6 | 1539.0 | 1657.4 | 1775.8 | 1894.2 | 2130.9 | 2367.7 | 2604.5 | 2841.2 |
| 3,600 | — | 864.8 | 988.4 | 1111.9 | 1235.4 | 1358.9 | 1482.5 | 1606.0 | 1729.6 | 1853.2 | 1976.7 | 2223.8 | 2470.9 | 2718.0 | 2965.1 |
| 3,800 | — | 900.5 | 1029.1 | 1157.7 | 1286.4 | 1415.0 | 1543.6 | 1672.2 | 1800.9 | 1929.6 | 2058.2 | 2315.5 | 2572.8 | 2830.0 | 3087.3 |
| 4,000 | — | — | 1069.2 | 1202.8 | 1336.5 | 1470.0 | 1603.7 | 1737.3 | 1871.1 | 2004.7 | 2138.4 | 2405.7 | 2673.0 | 2940.3 | 3207.6 |
| 4,200 | — | — | 1108.3 | 1246.9 | 1385.4 | 1523.9 | 1662.4 | 1800.9 | 1939.6 | 2078.1 | 2216.7 | 2493.7 | 2770.8 | 3047.9 | 3325.0 |
| 4,400 | — | — | 1146.2 | 1289.5 | 1432.8 | 1576.0 | 1719.2 | 1862.5 | 2005.9 | 2149.2 | 2292.5 | 2579.0 | 2865.6 | 3152.1 | 3438.7 |
| 4,600 | — | — | 1182.5 | 1330.3 | 1478.1 | 1625.8 | 1773.6 | 1921.4 | 2069.4 | 2217.2 | 2365.0 | 2660.6 | 2956.3 | 3251.9 | 3547.5 |
| 4,800 | — | — | 1216.7 | 1368.8 | 1520.9 | 1672.8 | 1824.9 | 1976.9 | 2129.2 | 2281.3 | 2433.4 | 2737.6 | 3041.8 | 3345.9 | 3650.1 |
| 5,000 | — | — | 1248.3 | 1404.3 | 1560.4 | 1716.2 | 1872.2 | 2028.3 | 2184.5 | 2340.6 | 2496.6 | 2808.7 | 3120.8 | 3432.8 | 3744.9 |
| 5,200 | — | — | 1276.7 | 1436.3 | 1595.9 | 1755.2 | 1914.8 | 2074.4 | 2234.2 | 2393.8 | 2553.4 | 2872.6 | 3191.8 | 3510.9 | 3830.1 |
| 5,400 | — | — | 1301.3 | 1463.9 | 1626.6 | 1789.0 | 1951.6 | 2114.2 | 2277.2 | 2439.9 | 2602.5 | 2927.8 | 3253.2 | 3578.5 | 3903.8 |
| 5,600 | — | — | 1321.2 | 1486.4 | 1651.5 | 1816.4 | 1981.5 | 2146.7 | 2312.2 | 2477.3 | 2642.5 | 2972.8 | 3303.1 | 3633.4 | 3963.7 |
| 5,800 | — | — | 1335.8 | 1502.8 | 1669.8 | 1836.4 | 2003.4 | 2170.3 | 2337.7 | 2504.7 | 2671.7 | 3005.6 | 3339.6 | 3673.5 | 4007.5 |
| 6,000 | — | — | 1344.2 | 1512.2 | 1680.2 | 1847.8 | 2015.8 | 2184.3 | 2352.3 | 2520.3 | 2688.3 | 3024.4 | 3360.4 | 3696.5 | 4032.5 |

● 印の範囲では耐久時間が減少しますのでできるだけ避けてください。

● 印の範囲ではプーリ周速が33m/sec以上となりますのでご使用プーリは動バランスをとってください。なお、鋳物材のプーリ使用を避けてください。

● 上表はベルト幅10mmを基準にしていますのでベルト幅が10mm以外の場合は表17-aの幅補正係数をかけてください。

Timing Belt Type G & Type U ■設計資料編

MXL

1.00~1.18

設計表

下表軸間距離は、ベルトに許容張力を与えたときの理論値です。ベルト長さ、プーリ外径の許容誤差によって実際値はかわることがありますので、軸間距離には出来るだけ調節代、またはテンションプーリをつけてください。尚、軸間距離固定の場合は当社へご相談ください。

表18-① MXL 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|------|--------|---------|------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 50歯 101.60 | 53歯 107.70 | 56歯 113.79 | 60歯 121.92 | 63歯 128.02 | 71歯 144.27 | 75歯 152.40 | 80歯 162.56 | 90歯 182.88 | 100歯 203.20 | 110歯 223.52 |
| 1.00 | 40 | 25.87 | 40 | 10.16 | — | — | — | — | — | — | — | 40.64 | 50.80 | 60.96 | 71.12 |
| 1.00 | 36 | 23.29 | 36 | 23.29 | — | — | — | — | — | 35.56 | 39.62 | 44.70 | 54.86 | 65.02 | 75.18 |
| 1.00 | 32 | 20.70 | 32 | 20.70 | — | — | — | — | 31.50 | 39.62 | 43.69 | 48.77 | 58.93 | 69.09 | 79.25 |
| 1.00 | 30 | 19.40 | 30 | 19.40 | — | — | — | 30.48 | 33.53 | 41.66 | 45.72 | 50.80 | 60.96 | 71.12 | 81.28 |
| 1.00 | 28 | 18.11 | 28 | 18.11 | — | — | 28.45 | 32.51 | 35.56 | 43.69 | 47.75 | 52.83 | 62.99 | 73.15 | 83.31 |
| 1.00 | 27 | 17.46 | 27 | 17.46 | — | — | 29.46 | 33.53 | 36.58 | 44.70 | 48.77 | 53.85 | 64.01 | 74.17 | 84.33 |
| 1.00 | 26 | 16.82 | 26 | 16.82 | — | 27.43 | 30.48 | 34.54 | 37.59 | 45.72 | 49.78 | 54.86 | 65.02 | 75.18 | 85.34 |
| 1.00 | 25 | 16.17 | 25 | 16.17 | — | 28.45 | 31.50 | 35.56 | 38.61 | 46.74 | 50.80 | 55.88 | 66.04 | 76.20 | 86.36 |
| 1.00 | 24 | 15.52 | 24 | 15.52 | 26.42 | 29.46 | 32.51 | 36.58 | 39.62 | 47.75 | 51.82 | 56.90 | 67.06 | 77.22 | 87.38 |
| 1.00 | 23 | 14.88 | 23 | 14.88 | 27.43 | 30.48 | 33.53 | 37.59 | 40.64 | 48.77 | 52.83 | 57.91 | 68.07 | 78.23 | 88.39 |
| 1.00 | 22 | 14.23 | 22 | 14.23 | 28.45 | 31.50 | 34.54 | 38.61 | 41.66 | 49.78 | 53.85 | 58.93 | 69.09 | 79.25 | 89.41 |
| 1.00 | 21 | 13.58 | 21 | 13.58 | 29.46 | 32.51 | 35.56 | 39.62 | 42.67 | 50.80 | 54.86 | 59.94 | 70.10 | 80.26 | 90.42 |
| 1.00 | 20 | 12.94 | 20 | 12.94 | 30.48 | 33.53 | 36.58 | 40.64 | 43.69 | 51.82 | 55.88 | 60.96 | 71.12 | 81.28 | 91.44 |
| 1.00 | 19 | 12.29 | 19 | 12.29 | 31.50 | 34.54 | 37.59 | 41.66 | 44.70 | 52.83 | 56.90 | 61.98 | 72.14 | 82.30 | 92.46 |
| 1.00 | 18 | 11.64 | 18 | 11.64 | 32.51 | 35.56 | 38.61 | 42.67 | 45.72 | 53.85 | 57.91 | 62.99 | 73.15 | 83.31 | 93.47 |
| 1.00 | 17 | 11.00 | 17 | 11.00 | 33.53 | 36.58 | 39.62 | 43.69 | 46.74 | 54.86 | 58.93 | 64.01 | 74.17 | 84.33 | 94.49 |
| 1.00 | 16 | 10.35 | 16 | 10.35 | 34.54 | 37.59 | 40.64 | 44.70 | 47.75 | 55.88 | 59.94 | 65.02 | 75.18 | 85.34 | 95.50 |
| 1.00 | *15 | 9.70 | *15 | 9.70 | 35.56 | 38.61 | 41.66 | 45.72 | 48.77 | 56.90 | 60.96 | 66.04 | 76.20 | 86.36 | 96.52 |
| 1.00 | *14 | 9.06 | *14 | 9.06 | 36.58 | 39.62 | 42.67 | 46.74 | 49.78 | 57.91 | 61.98 | 67.06 | 77.22 | 87.38 | 97.54 |
| 1.00 | *12 | 7.76 | *12 | 7.76 | 38.61 | 41.66 | 44.70 | 48.77 | 51.82 | 59.94 | 64.01 | 69.09 | 79.25 | 89.41 | 99.57 |
| 1.00 | *11 | 7.11 | *11 | 7.11 | 39.62 ^⑤ | 42.67 ^⑤ | 45.72 ^⑤ | 49.78 ^⑤ | 52.83 ^⑤ | 60.96 ^⑤ | 65.02 ^⑤ | 70.10 ^⑤ | 80.26 ^⑤ | 90.42 ^⑤ | 100.58 ^⑤ |
| 1.00 | *10 | 6.47 | *10 | 6.47 | 40.64 ^⑤ | 43.69 ^⑤ | 46.74 ^⑤ | 50.80 ^⑤ | 53.85 ^⑤ | 61.98 ^⑤ | 66.04 ^⑤ | 71.12 ^⑤ | 81.28 ^⑤ | 91.44 ^⑤ | 101.60 ^⑤ |
| 1.04 | 27 | 17.46 | 28 | 18.11 | — | — | 28.95 | 33.02 | 36.07 | 44.19 | 48.26 | 53.34 | 63.50 | 73.66 | 83.82 |
| 1.04 | 26 | 16.82 | 27 | 17.46 | — | — | 29.97 | 34.03 | 37.08 | 45.21 | 49.27 | 54.36 | 64.52 | 74.68 | 84.84 |
| 1.04 | 25 | 16.17 | 26 | 16.82 | — | 27.94 | 30.99 | 35.05 | 38.10 | 46.23 | 50.29 | 55.37 | 65.53 | 75.69 | 85.85 |
| 1.04 | 24 | 15.52 | 25 | 16.17 | 25.91 | 28.95 | 32.00 | 36.07 | 39.11 | 47.24 | 51.31 | 56.39 | 66.55 | 76.71 | 86.87 |
| 1.04 | 23 | 14.88 | 24 | 15.52 | 26.92 | 29.97 | 33.02 | 37.08 | 40.13 | 48.26 | 52.32 | 57.40 | 67.56 | 77.72 | 87.88 |
| 1.05 | 22 | 14.23 | 23 | 14.88 | 27.94 | 30.99 | 34.03 | 38.10 | 41.15 | 49.27 | 53.34 | 58.42 | 68.58 | 78.74 | 88.90 |
| 1.05 | 21 | 13.58 | 22 | 14.23 | 28.95 | 32.00 | 35.05 | 39.11 | 42.16 | 50.29 | 54.36 | 59.44 | 69.60 | 79.76 | 89.92 |
| 1.05 | 20 | 12.94 | 21 | 13.58 | 29.97 | 33.02 | 36.07 | 40.13 | 43.18 | 51.31 | 55.37 | 60.45 | 70.61 | 80.77 | 90.93 |
| 1.05 | 19 | 12.29 | 20 | 12.94 | 30.99 | 34.03 | 37.08 | 41.15 | 44.19 | 52.32 | 56.39 | 61.47 | 71.63 | 81.79 | 91.95 |
| 1.06 | 18 | 11.64 | 19 | 12.29 | 32.00 | 35.05 | 38.10 | 42.16 | 45.21 | 53.34 | 57.40 | 62.48 | 72.64 | 82.80 | 92.96 |
| 1.06 | 17 | 11.00 | 18 | 11.64 | 33.02 | 36.07 | 39.11 | 43.18 | 46.23 | 54.36 | 58.42 | 63.50 | 73.66 | 83.82 | 93.98 |
| 1.06 | 16 | 10.35 | 17 | 11.00 | 34.03 | 37.08 | 40.13 | 44.19 | 47.24 | 55.37 | 59.44 | 64.52 | 74.68 | 84.84 | 95.00 |
| 1.07 | 30 | 19.40 | 32 | 20.70 | — | — | — | — | 32.51 | 40.63 | 44.70 | 49.78 | 59.94 | 70.10 | 80.26 |
| 1.07 | 28 | 18.11 | 30 | 19.40 | — | — | — | 31.49 | 34.54 | 42.67 | 46.73 | 51.81 | 61.97 | 72.13 | 82.29 |
| 1.07 | *15 | 9.70 | *16 | 10.35 | 35.05 | 38.10 | 41.15 | 45.21 | 48.26 | 56.39 | 60.45 | 65.53 | 75.69 | 85.85 | 96.01 |
| 1.07 | *14 | 9.06 | *15 | 9.70 | 36.07 | 39.11 | 42.16 | 46.23 | 49.27 | 57.40 | 61.47 | 66.55 | 76.71 | 86.87 | 97.03 |
| 1.08 | 26 | 16.82 | 28 | 18.11 | — | — | 29.46 | 33.52 | 36.57 | 44.70 | 48.76 | 53.84 | 64.00 | 74.17 | 84.33 |
| 1.08 | 25 | 16.17 | 27 | 17.46 | — | 27.42 | 30.47 | 34.54 | 37.59 | 45.72 | 49.78 | 54.86 | 65.02 | 75.18 | 85.34 |
| 1.08 | 24 | 15.52 | 26 | 16.82 | — | 28.44 | 31.49 | 35.55 | 38.60 | 46.73 | 50.80 | 55.88 | 66.04 | 76.20 | 86.36 |
| 1.09 | 23 | 14.88 | 25 | 16.17 | 26.41 | 29.46 | 32.51 | 36.57 | 39.62 | 47.75 | 51.81 | 56.89 | 67.05 | 77.21 | 87.37 |
| 1.09 | 22 | 14.23 | 24 | 15.52 | 27.42 | 30.47 | 33.52 | 37.59 | 40.63 | 48.76 | 52.83 | 57.91 | 68.07 | 78.23 | 88.39 |
| 1.09 | *11 | 7.11 | *12 | 7.76 | 39.11 ^⑤ | 42.16 ^⑤ | 45.21 ^⑤ | 49.27 ^⑤ | 52.32 ^⑤ | 60.45 ^⑤ | 64.52 ^⑤ | 69.60 ^⑤ | 79.76 ^⑤ | 89.92 ^⑤ | 100.08 ^⑤ |
| 1.10 | 21 | 13.58 | 23 | 14.88 | 28.44 | 31.49 | 34.54 | 38.60 | 41.65 | 49.78 | 53.84 | 58.92 | 69.08 | 79.25 | 89.41 |
| 1.10 | 20 | 12.94 | 22 | 14.23 | 29.46 | 32.51 | 35.55 | 39.62 | 42.67 | 50.80 | 54.86 | 59.94 | 70.10 | 80.26 | 90.42 |
| 1.10 | *10 | 6.47 | *11 | 7.11 | 40.13 ^④ | 43.18 ^④ | 46.23 ^④ | 50.29 ^④ | 53.34 ^④ | 61.47 ^④ | 65.53 ^④ | 70.61 ^④ | 80.77 ^④ | 90.93 ^④ | 101.09 ^④ |
| 1.11 | 36 | 23.29 | 40 | 25.87 | — | — | — | — | — | — | 37.57 | 42.65 | 52.82 | 62.98 | 73.14 |
| 1.11 | 27 | 17.46 | 30 | 19.40 | — | — | — | 31.99 | 35.04 | 43.17 | 47.23 | 52.32 | 62.48 | 72.64 | 82.80 |
| 1.11 | 19 | 12.29 | 21 | 13.58 | 30.47 | 33.52 | 36.57 | 40.63 | 43.68 | 51.81 | 55.88 | 60.96 | 71.12 | 81.28 | 91.44 |
| 1.11 | 18 | 11.64 | 20 | 12.94 | 31.49 | 34.54 | 37.59 | 41.65 | 44.70 | 52.83 | 56.89 | 61.97 | 72.13 | 82.29 | 92.45 |
| 1.12 | 25 | 16.17 | 28 | 18.11 | — | — | 29.96 | 34.02 | 37.07 | 45.20 | 49.27 | 54.35 | 64.51 | 74.67 | 84.83 |
| 1.12 | 17 | 11.00 | 19 | 12.29 | 32.51 | 35.55 | 38.60 | 42.67 | 45.72 | 53.84 | 57.91 | 62.99 | 73.15 | 83.31 | 93.47 |
| 1.13 | 32 | 20.70 | 36 | 23.29 | — | — | — | — | — | 37.57 | 41.64 | 46.72 | 56.88 | 67.04 | 77.21 |
| 1.13 | 24 | 15.52 | 27 | 17.46 | — | 27.92 | 30.97 | 35.04 | 38.09 | 46.22 | 50.28 | 55.36 | 65.52 | 75.69 | 85.85 |
| 1.13 | 23 | 14.88 | 26 | 16.82 | 25.89 | 28.94 | 31.99 | 36.05 | 39.10 | 47.23 | 51.30 | 56.38 | 66.54 | 76.70 | 86.86 |
| 1.13 | 16 | 10.35 | 18 | 11.64 | 33.52 | 36.57 | 39.62 | 43.68 | 46.73 | 54.86 | 58.92 | 64.00 | 74.17 | 84.33 | 94.49 |
| 1.13 | *15 | 9.70 | *17 | 11.00 | 34.54 | 37.59 | 40.63 | 44.70 | 47.75 | 55.88 | 59.94 | 65.02 | 75.18 | 85.34 | 95.50 |
| 1.14 | 28 | 18.11 | 32 | 20.70 | — | — | — | 30.45 | 33.50 | 41.64 | 45.70 | 50.78 | 60.95 | 71.11 | 81.27 |
| 1.14 | 22 | 14.23 | 25 | 16.17 | 26.91 | 29.96 | 33.01 | 37.07 | 40.12 | 48.25 | 52.32 | 57.40 | 67.56 | 77.72 | 87.88 |
| 1.14 | 21 | 13.58 | 24 | 15.52 | 27.92 | 30.97 | 34.02 | 38.09 | 41.14 | 49.27 | 53.33 | 58.41 | 68.57 | 78.73 | 88.89 |
| 1.14 | *14 | 9.06 | *16 | 10.35 | 35.55 | 38.60 | 41.65 | 45.72 | 48.76 | 56.89 | 60.96 | 66.04 | 76.20 | 86.36 | 96.52 |
| 1.15 | 26 | 16.82 | 30 | 19.40 | — | — | 28.42 | 32.49 | 35.54 | 43.67 | 47.73 | 52.82 | 62.98 | 73.14 | 83.30 |
| 1.15 | 20 | 12.94 | 23 | 14.88 | 28.94 | 31.99 | 35.04 | 39.10 | 42.15 | 50.28 | 54.35 | 59.43 | 69.59 | 79.75 | 89.91 |
| 1.16 | 19 | 12.29 | 22 | 14.23 | 29.96 | 33.01 | 36.05 | 40.12 | 43.17 | 51.30 | 55.36 | 60.44 | 70.61 | 80.77 | 90.93 |
| 1.17 | 24 | 15.52 | 28 | 18.11 | — | 27.40 | 30.45 | 34.52 | 37.57 | 45.70 | 49.77 | 54.85 | 65.01 | 75.17 | 85.33 |
| 1.17 | 23 | 14.88 | 27 | 17.46 | — | 28.42 | 31.47 | 35.54 | 38.59 | 46.72 | 50.78 | 55.87 | 66.03 | 76.19 | 86.35 |
| 1.17 | 18 | 11.64 | 21 | 13.58 | 30.97 | 34.02 | 37.07 | 41.14 | 44.19 | 52.32 | 56.38 | 61.46 | 71.62 | 81.78 | 91.94 |
| 1.17 | *12 | 7.76 | *14 | 9.06 | 37.59 ^⑤ | 40.63 ^⑤ | 43.68 ^⑤ | 47.75 ^⑤ | 50.80 ^⑤ | 58.92 ^⑤ | 62.99 ^⑤ | 68.07 ^⑤ | 78.23 ^⑤ | 88.39 ^⑤ | 98.55 ^⑤ |
| 1.18 | 22 | 14.23 | 26 | 16.82 | 26.38 | 29.44 | 32.49 | 36.55 | 39.60 | 47.73 | 51.80 | 56.88 | 67.04 | 77.21 | 87.37 |

*印：耐久時間が減少しますのでできるだけ使用を避けてください。

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 補正係数 (Km) | 6以上 | ⑤ | ④ | ③ | ② |
|---------------------|-----|-----|-----|-----|-----|
| | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm 標 準 ベ ル ト 呼 称 | | | | | | | | | | | | | | 回転比 |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| 112歯 227.58 | 120歯 243.84 | 125歯 254.00 | 140歯 284.48 | 150歯 304.80 | 160歯 325.12 | 175歯 355.60 | 180歯 365.76 | 190歯 386.08 | 200歯 406.40 | 224歯 455.17 | 236歯 479.55 | 250歯 508.00 | 265歯 538.48 | |
| 73.15 | 81.28 | 86.36 | 101.60 | 111.76 | 121.92 | 137.16 | 142.24 | 152.40 | 162.56 | 186.94 | 199.14 | 213.36 | 228.60 | 1.00 |
| 77.22 | 85.34 | 90.42 | 105.66 | 115.82 | 125.98 | 141.22 | 146.30 | 156.46 | 166.62 | 191.01 | 203.20 | 217.42 | 232.66 | 1.00 |
| 81.28 | 89.41 | 94.49 | 109.73 | 119.89 | 130.05 | 145.29 | 150.37 | 160.53 | 170.69 | 195.07 | 207.26 | 221.49 | 236.73 | 1.00 |
| 83.31 | 91.44 | 96.52 | 111.76 | 121.92 | 132.08 | 147.32 | 152.40 | 162.56 | 172.72 | 197.10 | 209.30 | 223.52 | 238.76 | 1.00 |
| 85.34 | 93.47 | 98.55 | 113.79 | 123.95 | 134.11 | 149.35 | 154.43 | 164.59 | 174.75 | 199.14 | 211.33 | 225.55 | 240.79 | 1.00 |
| 86.36 | 94.49 | 99.57 | 114.81 | 124.97 | 135.13 | 150.37 | 155.45 | 165.61 | 175.77 | 200.15 | 212.34 | 226.57 | 241.81 | 1.00 |
| 87.38 | 95.50 | 100.58 | 115.82 | 125.98 | 136.14 | 151.38 | 156.46 | 166.62 | 176.78 | 201.17 | 213.36 | 227.58 | 242.82 | 1.00 |
| 88.39 | 96.52 | 101.60 | 116.84 | 127.00 | 137.16 | 152.40 | 157.48 | 167.64 | 177.80 | 202.18 | 214.38 | 228.60 | 243.84 | 1.00 |
| 89.41 | 97.54 | 102.62 | 117.86 | 128.02 | 138.18 | 153.42 | 158.50 | 168.66 | 178.82 | 203.20 | 215.39 | 229.62 | 244.86 | 1.00 |
| 90.42 | 98.55 | 103.63 | 118.87 | 129.03 | 139.19 | 154.43 | 159.51 | 169.67 | 179.83 | 204.22 | 216.41 | 230.63 | 245.87 | 1.00 |
| 91.44 | 99.57 | 104.65 | 119.89 | 130.05 | 140.21 | 155.45 | 160.53 | 170.69 | 180.85 | 205.23 | 217.42 | 231.65 | 246.89 | 1.00 |
| 92.46 | 100.58 | 105.66 | 120.90 | 131.06 | 141.22 | 156.46 | 161.54 | 171.70 | 181.86 | 206.25 | 218.44 | 232.66 | 247.90 | 1.00 |
| 93.47 | 101.60 | 106.68 | 121.92 | 132.08 | 142.24 | 157.48 | 162.56 | 172.72 | 182.88 | 207.26 | 219.46 | 233.68 | 248.92 | 1.00 |
| 94.49 | 102.62 | 107.70 | 122.94 | 133.10 | 143.26 | 158.50 | 163.58 | 173.74 | 183.90 | 208.28 | 220.47 | 234.70 | 249.94 | 1.00 |
| 95.50 | 103.63 | 108.71 | 123.95 | 134.11 | 144.27 | 159.51 | 164.59 | 174.75 | 184.91 | 209.30 | 221.49 | 235.71 | 250.95 | 1.00 |
| 96.52 | 104.65 | 109.73 | 124.97 | 135.13 | 145.29 | 160.53 | 165.61 | 175.77 | 185.93 | 210.31 | 222.50 | 236.73 | 251.97 | 1.00 |
| 97.54 | 105.66 | 110.74 | 125.98 | 136.14 | 146.30 | 161.54 | 166.62 | 176.78 | 186.94 | 211.33 | 223.52 | 237.74 | 252.98 | 1.00 |
| 98.55 | 106.68 | 111.76 | 127.00 | 137.16 | 147.32 | 162.56 | 167.64 | 177.80 | 187.96 | 212.34 | 224.54 | 238.76 | 254.00 | 1.00 |
| 99.57 | 107.70 | 112.78 | 128.02 | 138.18 | 148.34 | 163.58 | 168.66 | 178.82 | 188.98 | 213.36 | 225.55 | 239.78 | 255.02 | 1.00 |
| 101.60 | 109.73 | 114.81 | 130.05 | 140.21 | 150.37 | 165.61 | 170.69 | 180.85 | 191.01 | 215.39 | 227.58 | 241.81 | 257.05 | 1.00 |
| 102.62⑤ | 110.74⑤ | 115.82⑤ | 131.06⑤ | 141.22⑤ | 151.38⑤ | 166.62⑤ | 171.70⑤ | 181.86⑤ | 192.02⑤ | 216.41⑤ | 228.60⑤ | 242.82⑤ | 258.06⑤ | 1.00 |
| 103.63⑤ | 111.76⑤ | 116.84⑤ | 132.08⑤ | 142.24⑤ | 152.40⑤ | 167.64⑤ | 172.72⑤ | 182.88⑤ | 193.04⑤ | 217.42⑤ | 229.62⑤ | 243.84⑤ | 259.08⑤ | 1.00 |
| 85.85 | 93.98 | 99.06 | 114.30 | 124.46 | 134.62 | 149.86 | 154.94 | 165.10 | 175.26 | 199.64 | 211.84 | 226.06 | 241.30 | 1.04 |
| 86.87 | 95.00 | 100.08 | 115.32 | 125.48 | 135.64 | 150.88 | 155.96 | 166.12 | 176.28 | 200.66 | 212.85 | 227.08 | 242.32 | 1.04 |
| 87.88 | 96.01 | 101.09 | 116.33 | 126.49 | 136.65 | 151.89 | 156.97 | 167.13 | 177.29 | 201.68 | 213.87 | 228.09 | 243.33 | 1.04 |
| 88.90 | 97.03 | 102.11 | 117.35 | 127.51 | 137.67 | 152.91 | 157.99 | 168.15 | 178.31 | 202.69 | 214.88 | 229.11 | 244.35 | 1.04 |
| 89.92 | 98.04 | 103.12 | 118.36 | 128.52 | 138.68 | 153.92 | 159.00 | 169.16 | 179.32 | 203.71 | 215.90 | 230.12 | 245.36 | 1.04 |
| 90.93 | 99.06 | 104.14 | 119.38 | 129.54 | 139.70 | 154.94 | 160.02 | 170.18 | 180.34 | 204.72 | 216.92 | 231.14 | 246.38 | 1.05 |
| 91.95 | 100.08 | 105.16 | 120.40 | 130.56 | 140.72 | 155.96 | 161.04 | 171.20 | 181.36 | 205.74 | 217.93 | 232.16 | 247.40 | 1.05 |
| 92.96 | 101.09 | 106.17 | 121.41 | 131.57 | 141.73 | 156.97 | 162.05 | 172.21 | 182.37 | 206.76 | 218.95 | 233.17 | 248.41 | 1.05 |
| 93.98 | 102.11 | 107.19 | 122.43 | 132.59 | 142.75 | 157.99 | 163.07 | 173.23 | 183.39 | 207.77 | 219.96 | 234.19 | 249.43 | 1.05 |
| 95.00 | 103.12 | 108.20 | 123.44 | 133.60 | 143.76 | 159.00 | 164.08 | 174.24 | 184.40 | 208.79 | 220.98 | 235.20 | 250.44 | 1.06 |
| 96.01 | 104.14 | 109.22 | 124.46 | 134.62 | 144.78 | 160.02 | 165.10 | 175.26 | 185.42 | 209.80 | 222.00 | 236.22 | 251.46 | 1.06 |
| 97.03 | 105.16 | 110.24 | 125.48 | 135.64 | 145.80 | 161.04 | 166.12 | 176.28 | 186.44 | 210.82 | 223.01 | 237.24 | 252.48 | 1.06 |
| 82.29 | 90.42 | 95.50 | 110.74 | 120.90 | 131.06 | 146.30 | 151.38 | 161.54 | 171.70 | 196.09 | 208.28 | 222.50 | 237.74 | 1.07 |
| 84.33 | 92.45 | 97.53 | 112.77 | 122.93 | 133.09 | 148.33 | 153.41 | 163.57 | 173.73 | 198.12 | 210.31 | 224.54 | 239.78 | 1.07 |
| 98.04 | 106.17 | 111.25 | 126.49 | 136.65 | 146.81 | 162.05 | 167.13 | 177.29 | 187.45 | 211.84 | 224.03 | 238.25 | 253.49 | 1.07 |
| 99.06 | 107.19 | 112.27 | 127.51 | 137.67 | 147.83 | 163.07 | 168.15 | 178.31 | 188.47 | 212.85 | 225.04 | 239.27 | 254.51 | 1.07 |
| 86.36 | 94.49 | 99.57 | 114.81 | 124.97 | 135.13 | 150.37 | 155.45 | 165.61 | 175.77 | 200.15 | 212.34 | 226.57 | 241.81 | 1.08 |
| 87.37 | 95.50 | 100.58 | 115.82 | 125.98 | 136.14 | 151.38 | 156.46 | 166.62 | 176.78 | 201.17 | 213.36 | 227.58 | 242.82 | 1.08 |
| 88.39 | 96.52 | 101.60 | 116.84 | 127.00 | 137.16 | 152.40 | 157.48 | 167.64 | 177.80 | 202.18 | 214.38 | 228.60 | 243.84 | 1.08 |
| 89.41 | 97.54 | 102.62 | 117.86 | 128.02 | 138.18 | 153.42 | 158.50 | 168.66 | 178.82 | 203.20 | 215.39 | 229.62 | 244.86 | 1.09 |
| 90.42 | 98.55 | 103.63 | 118.87 | 129.03 | 139.19 | 154.43 | 159.51 | 169.67 | 179.83 | 204.22 | 216.41 | 230.63 | 245.87 | 1.09 |
| 102.11⑤ | 110.24⑤ | 115.32⑤ | 130.56⑤ | 140.72⑤ | 150.88⑤ | 166.12⑤ | 171.20⑤ | 181.36⑤ | 191.52⑤ | 215.90⑤ | 228.09⑤ | 242.32⑤ | 257.56⑤ | 1.09 |
| 91.44 | 99.57 | 104.65 | 119.89 | 130.05 | 140.21 | 155.45 | 160.53 | 170.69 | 180.85 | 205.23 | 217.42 | 231.65 | 246.89 | 1.10 |
| 92.45 | 100.58 | 105.66 | 120.90 | 131.06 | 141.22 | 156.46 | 161.54 | 171.70 | 181.86 | 206.25 | 218.44 | 232.66 | 247.90 | 1.10 |
| 103.12④ | 111.25④ | 116.33④ | 131.57④ | 141.73④ | 151.89④ | 167.13④ | 172.21④ | 182.37④ | 192.53④ | 216.92④ | 229.11④ | 243.33④ | 258.57④ | 1.10 |
| 75.17 | 83.30 | 88.38 | 103.62 | 113.78 | 123.95 | 139.19 | 144.27 | 154.43 | 164.59 | 188.97 | 201.16 | 215.39 | 230.63 | 1.11 |
| 84.83 | 92.96 | 98.04 | 113.28 | 123.44 | 133.60 | 148.84 | 153.92 | 164.08 | 174.24 | 198.63 | 210.82 | 225.04 | 240.28 | 1.11 |
| 93.47 | 101.60 | 106.68 | 121.92 | 132.08 | 142.24 | 157.48 | 162.56 | 172.72 | 182.88 | 207.26 | 219.46 | 233.68 | 248.92 | 1.11 |
| 94.49 | 102.61 | 107.69 | 122.93 | 133.09 | 143.25 | 158.49 | 163.57 | 173.73 | 183.89 | 208.28 | 220.47 | 234.70 | 249.94 | 1.11 |
| 86.86 | 94.99 | 100.07 | 115.31 | 125.47 | 135.63 | 150.87 | 155.95 | 166.11 | 176.27 | 200.66 | 212.85 | 227.07 | 242.31 | 1.12 |
| 95.50 | 103.63 | 108.71 | 123.95 | 134.11 | 144.27 | 159.51 | 164.59 | 174.75 | 184.91 | 209.30 | 221.49 | 235.71 | 250.95 | 1.12 |
| 79.24 | 87.37 | 92.45 | 107.69 | 117.85 | 128.01 | 143.25 | 148.33 | 158.49 | 168.65 | 193.04 | 205.23 | 219.45 | 234.69 | 1.13 |
| 87.88 | 96.01 | 101.09 | 116.33 | 126.49 | 136.65 | 151.89 | 156.97 | 167.13 | 177.29 | 201.67 | 213.87 | 228.09 | 243.33 | 1.13 |
| 88.89 | 97.02 | 102.10 | 117.34 | 127.50 | 137.66 | 152.90 | 157.98 | 168.14 | 178.31 | 202.69 | 214.88 | 229.11 | 244.35 | 1.13 |
| 96.52 | 104.65 | 109.73 | 124.97 | 135.13 | 145.29 | 160.53 | 165.61 | 175.77 | 185.93 | 210.31 | 222.50 | 236.73 | 251.97 | 1.13 |
| 97.53 | 105.66 | 110.74 | 125.98 | 136.14 | 146.30 | 161.54 | 166.62 | 176.78 | 186.94 | 211.33 | 223.52 | 237.74 | 252.98 | 1.13 |
| 83.30 | 91.43 | 96.51 | 111.75 | 121.91 | 132.07 | 147.31 | 152.39 | 162.55 | 172.72 | 197.10 | 209.29 | 223.52 | 238.76 | 1.14 |
| 89.91 | 98.04 | 103.12 | 118.36 | 128.52 | 138.68 | 153.92 | 159.00 | 169.16 | 179.32 | 203.71 | 215.90 | 230.12 | 245.36 | 1.14 |
| 90.93 | 99.06 | 104.14 | 119.38 | 129.54 | 139.70 | 154.94 | 160.02 | 170.18 | 180.34 | 204.72 | 216.91 | 231.14 | 246.38 | 1.14 |
| 98.55 | 106.68 | 111.76 | 127.00 | 137.16 | 147.32 | 162.56 | 167.64 | 177.80 | 187.96 | 212.34 | 224.54 | 238.76 | 254.00 | 1.14 |
| 85.33 | 93.46 | 98.54 | 113.78 | 123.95 | 134.11 | 149.35 | 154.43 | 164.59 | 174.75 | 199.13 | 211.32 | 225.55 | 240.79 | 1.15 |
| 91.94 | 100.07 | 105.15 | 120.39 | 130.55 | 140.71 | 155.95 | 161.03 | 171.19 | 181.35 | 205.74 | 217.93 | 232.15 | 247.39 | 1.15 |
| 92.96 | 101.09 | 106.17 | 121.41 | 131.57 | 141.73 | 156.97 | 162.05 | 172.21 | 182.37 | 206.75 | 218.95 | 233.17 | 248.41 | 1.16 |
| 87.37 | 95.50 | 100.58 | 115.82 | 125.98 | 136.14 | 151.38 | 156.46 | 166.62 | 176.78 | 201.16 | 213.36 | 227.58 | 242.82 | 1.17 |
| 88.38 | 96.51 | 101.59 | 116.83 | 126.99 | 137.15 | 152.39 | 157.47 | 167.64 | 177.80 | 202.18 | 214.37 | 228.60 | 243.84 | 1.17 |
| 93.97 | 102.10 | 107.18 | 122.42 | 132.58 | 142.74 | 157.99 | 163.07 | 173.23 | 183.39 | 207.77 | 219.96 | 234.19 | 249.43 | 1.17 |
| 100.58⑤ | 108.71⑤ | 113.79⑤ | 129.03⑤ | 139.19⑤ | 149.35⑤ | 164.59⑤ | 169.67⑤ | 179.83⑤ | 189.99⑤ | 214.38⑤ | 226.57⑤ | 240.79⑤ | 256.03⑤ | 1.17 |

Timing Belt Type G & Type U ■設計資料編

MXL

設計表

1.18~1.47

下表軸間距離は、ベルトに許容張力を与えたときの理論値です。ベルト長さ、プーリ外径の許容誤差によって実際値はかわることがありますので、軸間距離には出来るだけ調節代、またはテンションプーリをつけてください。尚、軸間距離固定の場合は当社へご相談ください。

表18-② MXL 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|------|--------|---------|------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 50歯 101.60 | 53歯 107.70 | 56歯 113.79 | 60歯 121.92 | 63歯 128.02 | 71歯 144.27 | 75歯 152.40 | 80歯 162.56 | 90歯 182.88 | 100歯 203.20 | 110歯 223.52 |
| 1.18 | 17 | 11.00 | 20 | 12.94 | 31.99 | 35.04 | 38.09 | 42.15 | 45.20 | 53.33 | 57.40 | 62.48 | 72.64 | 82.80 | 92.96 |
| 1.19 | 27 | 17.46 | 32 | 20.70 | — | — | — | 30.95 | 34.00 | 42.13 | 46.20 | 51.28 | 61.45 | 71.61 | 81.77 |
| 1.19 | 21 | 13.58 | 25 | 16.17 | 27.40 | 30.45 | 33.50 | 37.57 | 40.62 | 48.75 | 52.82 | 57.90 | 68.06 | 78.22 | 88.38 |
| 1.19 | 16 | 10.35 | 19 | 12.29 | 33.01 | 36.05 | 39.10 | 43.17 | 46.22 | 54.35 | 58.41 | 63.49 | 73.65 | 83.81 | 93.97 |
| 1.20 | 40 | 25.87 | 48 | 31.05 | — | — | — | — | — | — | — | — | 46.66 | 56.84 | 67.01 |
| 1.20 | 30 | 19.40 | 36 | 23.29 | — | — | — | — | — | 38.56 | 42.63 | 47.71 | 57.88 | 68.04 | 78.21 |
| 1.20 | 25 | 16.17 | 30 | 19.40 | — | — | 28.91 | 32.98 | 36.03 | 44.17 | 48.23 | 53.32 | 63.48 | 73.64 | 83.80 |
| 1.20 | 20 | 12.94 | 24 | 15.52 | 28.42 | 31.47 | 34.52 | 38.59 | 41.64 | 49.77 | 53.83 | 58.91 | 69.08 | 79.24 | 89.40 |
| 1.20 | *15 | 9.70 | 18 | 11.64 | 34.02 | 37.07 | 40.12 | 44.19 | 47.23 | 55.36 | 59.43 | 64.51 | 74.67 | 84.83 | 94.99 |
| 1.20 | *10 | 6.47 | *12 | 7.76 | 39.62④ | 42.67④ | 45.72④ | 49.78④ | 52.83④ | 60.96④ | 65.02④ | 70.10④ | 80.26④ | 90.42④ | 100.58④ |
| 1.21 | 19 | 12.29 | 23 | 14.88 | 29.44 | 32.49 | 35.54 | 39.60 | 42.65 | 50.78 | 54.85 | 59.93 | 70.09 | 80.25 | 90.41 |
| 1.21 | *14 | 9.06 | 17 | 11.00 | 35.04 | 38.09 | 41.14 | 45.20 | 48.25 | 56.38 | 60.44 | 65.52 | 75.69 | 85.85 | 96.01 |
| 1.22 | 23 | 14.88 | 28 | 18.11 | — | 27.89 | 30.95 | 35.01 | 38.07 | 46.20 | 50.27 | 55.35 | 65.51 | 75.67 | 85.84 |
| 1.22 | 18 | 11.64 | 22 | 14.23 | 30.45 | 33.50 | 36.55 | 40.62 | 43.67 | 51.80 | 55.87 | 60.95 | 71.11 | 81.27 | 91.43 |
| 1.23 | 26 | 16.82 | 32 | 20.70 | — | — | — | 31.44 | 34.49 | 42.63 | 46.70 | 51.78 | 61.95 | 72.11 | 82.27 |
| 1.23 | 22 | 14.23 | 27 | 17.46 | 25.86 | 28.91 | 31.96 | 36.03 | 39.08 | 47.22 | 51.28 | 56.36 | 66.53 | 76.69 | 86.85 |
| 1.24 | 21 | 13.58 | 26 | 16.82 | 26.88 | 29.93 | 32.98 | 37.05 | 40.10 | 48.23 | 52.30 | 57.38 | 67.54 | 77.71 | 87.87 |
| 1.24 | 17 | 11.00 | 21 | 13.58 | 31.47 | 34.52 | 37.57 | 41.64 | 44.69 | 52.82 | 56.88 | 61.96 | 72.12 | 82.29 | 92.45 |
| 1.25 | 32 | 20.70 | 40 | 25.87 | — | — | — | — | — | 35.47 | 39.54 | 44.63 | 54.80 | 64.97 | 75.14 |
| 1.25 | 24 | 15.52 | 30 | 19.40 | — | — | 29.40 | 33.47 | 36.52 | 44.66 | 48.73 | 53.81 | 63.98 | 74.14 | 84.31 |
| 1.25 | 20 | 12.94 | 25 | 16.17 | 27.89 | 30.95 | 34.00 | 38.07 | 41.12 | 49.25 | 53.32 | 58.40 | 68.56 | 78.72 | 88.89 |
| 1.25 | 16 | 10.35 | 20 | 12.94 | 32.49 | 35.54 | 38.59 | 42.65 | 45.70 | 53.83 | 57.90 | 62.98 | 73.14 | 83.30 | 93.46 |
| 1.25 | *12 | 7.76 | *15 | 9.70 | 37.07⑤ | 40.12⑤ | 43.17⑤ | 47.23⑤ | 50.28⑤ | 58.41⑤ | 62.48⑤ | 67.56⑤ | 77.72⑤ | 87.88⑤ | 98.04⑤ |
| 1.26 | 19 | 12.29 | 24 | 15.52 | 28.91 | 31.96 | 35.01 | 39.08 | 42.13 | 50.27 | 54.33 | 59.41 | 69.58 | 79.74 | 89.90 |
| 1.27 | 22 | 14.23 | 28 | 18.11 | — | 28.38 | 31.44 | 35.51 | 38.56 | 46.70 | 50.76 | 55.85 | 66.01 | 76.18 | 86.34 |
| 1.27 | *15 | 9.70 | 19 | 12.29 | 33.50 | 36.55 | 39.60 | 43.67 | 46.72 | 54.85 | 58.91 | 63.99 | 74.16 | 84.32 | 94.48 |
| 1.27 | *11 | 7.11 | *14 | 9.06 | 38.09⑤ | 41.14⑤ | 44.19⑤ | 48.25⑤ | 51.30⑤ | 59.43⑤ | 63.49⑤ | 68.57⑤ | 78.73⑤ | 88.89⑤ | 99.06⑤ |
| 1.28 | 25 | 16.17 | 32 | 20.70 | — | — | — | 31.92 | 34.98 | 43.12 | 47.19 | 52.27 | 62.44 | 72.61 | 82.77 |
| 1.28 | 18 | 11.64 | 23 | 14.88 | 29.93 | 32.98 | 36.03 | 40.10 | 43.15 | 51.28 | 55.35 | 60.43 | 70.59 | 80.76 | 90.92 |
| 1.29 | 28 | 18.11 | 36 | 23.29 | — | — | — | — | 31.39 | 39.54 | 43.61 | 48.70 | 58.87 | 69.04 | 79.21 |
| 1.29 | 21 | 13.58 | 27 | 17.46 | 26.34 | 29.40 | 32.45 | 36.52 | 39.58 | 47.71 | 51.78 | 56.86 | 67.03 | 77.19 | 87.35 |
| 1.29 | 17 | 11.00 | 22 | 14.23 | 30.95 | 34.00 | 37.05 | 41.12 | 44.17 | 52.30 | 56.36 | 61.45 | 71.61 | 81.77 | 91.93 |
| 1.29 | *14 | 9.06 | 18 | 11.64 | 34.52 | 37.57 | 40.62 | 44.69 | 47.73 | 55.87 | 59.93 | 65.01 | 75.17 | 85.33 | 95.50 |
| 1.30 | 23 | 14.88 | 30 | 19.40 | — | — | 29.89 | 33.96 | 37.01 | 45.16 | 49.22 | 54.31 | 64.48 | 74.64 | 84.81 |
| 1.30 | 20 | 12.94 | 26 | 16.82 | 27.36 | 30.42 | 33.47 | 37.54 | 40.59 | 48.73 | 52.80 | 57.88 | 68.04 | 78.21 | 88.37 |
| 1.31 | 16 | 10.35 | 21 | 13.58 | 31.96 | 35.01 | 38.07 | 42.13 | 45.18 | 53.32 | 57.38 | 62.46 | 72.63 | 82.79 | 92.95 |
| 1.32 | 19 | 12.29 | 25 | 16.17 | 28.38 | 31.44 | 34.49 | 38.56 | 41.61 | 49.75 | 53.81 | 58.90 | 69.06 | 79.22 | 89.39 |
| 1.33 | 36 | 23.29 | 48 | 31.05 | — | — | — | — | — | — | — | — | 38.41 | 48.61 | 58.80 |
| 1.33 | 30 | 19.40 | 40 | 25.87 | — | — | — | — | — | 36.43 | 40.51 | 45.61 | 55.79 | 65.96 | 76.13 |
| 1.33 | 27 | 17.46 | 36 | 23.29 | — | — | — | — | 31.87 | 40.03 | 44.10 | 49.19 | 59.36 | 69.54 | 79.70 |
| 1.33 | 24 | 15.52 | 32 | 20.70 | 22.20 | — | 28.33 | 32.41 | 35.47 | 43.61 | 47.68 | 52.77 | 62.94 | 73.11 | 83.27 |
| 1.33 | 21 | 13.58 | 28 | 18.11 | 25.81 | 28.87 | 31.92 | 36.00 | 39.05 | 47.19 | 51.26 | 56.34 | 66.51 | 76.67 | 86.84 |
| 1.33 | 18 | 11.64 | 24 | 15.52 | 29.40 | 32.45 | 35.51 | 39.58 | 42.63 | 50.76 | 54.83 | 59.91 | 70.08 | 80.24 | 90.40 |
| 1.33 | *15 | 9.70 | 20 | 12.94 | 32.98 | 36.03 | 39.08 | 43.15 | 46.20 | 54.33 | 58.40 | 63.48 | 73.64 | 83.80 | 93.97 |
| 1.33 | *12 | 7.76 | 16 | 10.35 | 36.55⑤ | 39.60⑤ | 42.65⑤ | 46.72⑤ | 49.77⑤ | 57.90⑤ | 61.96⑤ | 67.04⑤ | 77.21⑤ | 87.37⑤ | 97.53⑤ |
| 1.35 | 20 | 12.94 | 27 | 17.46 | 26.83 | 29.89 | 32.94 | 37.01 | 40.07 | 48.21 | 52.27 | 57.36 | 67.53 | 77.69 | 87.85 |
| 1.35 | 17 | 11.00 | 23 | 14.88 | 30.42 | 33.47 | 36.52 | 40.59 | 43.64 | 51.78 | 55.85 | 60.93 | 71.09 | 81.26 | 91.42 |
| 1.36 | 22 | 14.23 | 30 | 19.40 | — | 27.31 | 30.37 | 34.45 | 37.50 | 45.65 | 49.72 | 54.80 | 64.97 | 75.14 | 85.30 |
| 1.36 | *14 | 9.06 | 19 | 12.29 | 34.00 | 37.05 | 40.10 | 44.17 | 47.22 | 55.35 | 59.41 | 64.50 | 74.66 | 84.82 | 94.98 |
| 1.36 | *11 | 7.11 | *15 | 9.70 | 37.57⑤ | 40.62⑤ | 43.67⑤ | 47.73⑤ | 50.78⑤ | 58.91⑤ | 62.98⑤ | 68.06⑤ | 78.22⑤ | 88.38⑤ | 98.54⑤ |
| 1.37 | 19 | 12.29 | 26 | 16.82 | 27.85 | 30.91 | 33.96 | 38.03 | 41.09 | 49.22 | 53.29 | 58.38 | 68.54 | 78.71 | 88.87 |
| 1.38 | 26 | 16.82 | 36 | 23.29 | — | — | — | — | 32.35 | 40.51 | 44.59 | 49.68 | 59.86 | 70.03 | 80.20 |
| 1.38 | 16 | 10.35 | 22 | 14.23 | 31.44 | 34.49 | 37.54 | 41.61 | 44.66 | 52.80 | 56.86 | 61.95 | 72.11 | 82.27 | 92.44 |
| 1.39 | 23 | 14.88 | 32 | 20.70 | — | — | 28.81 | 32.89 | 35.95 | 44.10 | 48.17 | 53.26 | 63.43 | 73.60 | 83.77 |
| 1.39 | 18 | 11.64 | 25 | 16.17 | 28.87 | 31.92 | 34.98 | 39.05 | 42.10 | 50.24 | 54.31 | 59.39 | 69.56 | 79.72 | 89.89 |
| 1.40 | 20 | 12.94 | 28 | 18.11 | 26.29 | 29.35 | 32.41 | 36.48 | 39.54 | 47.68 | 51.75 | 56.84 | 67.01 | 77.17 | 87.34 |
| 1.40 | *15 | 9.70 | 21 | 13.58 | 32.45 | 35.51 | 38.56 | 42.63 | 45.68 | 53.81 | 57.88 | 62.96 | 73.13 | 83.29 | 93.45 |
| 1.40 | *10 | 6.47 | *14 | 9.06 | 38.59④ | 41.64④ | 44.69④ | 48.75④ | 51.80④ | 59.93④ | 63.99④ | 69.08④ | 79.24④ | 89.40④ | 99.56④ |
| 1.41 | 17 | 11.00 | 24 | 15.52 | 29.89 | 32.94 | 36.00 | 40.07 | 43.12 | 51.26 | 55.33 | 60.41 | 70.58 | 80.74 | 90.90 |
| 1.42 | 19 | 12.29 | 27 | 17.46 | 27.31 | 30.37 | 33.43 | 37.50 | 40.56 | 48.70 | 52.77 | 57.85 | 68.02 | 78.19 | 88.35 |
| 1.42 | *12 | 7.76 | 17 | 11.00 | 36.03⑤ | 39.08⑤ | 42.13⑤ | 46.20⑤ | 49.25⑤ | 57.38⑤ | 61.45⑤ | 66.53⑤ | 76.69⑤ | 86.85⑤ | 97.01⑤ |
| 1.43 | 28 | 18.11 | 40 | 25.87 | — | — | — | — | — | 37.39 | 41.47 | 46.57 | 56.76 | 66.94 | 77.12 |
| 1.43 | 21 | 13.58 | 30 | 19.40 | — | 27.79 | 30.85 | 34.93 | 37.99 | 46.14 | 50.21 | 55.30 | 65.47 | 75.64 | 85.80 |
| 1.43 | *14 | 9.06 | 20 | 12.94 | 33.47 | 36.52 | 39.58 | 43.64 | 46.70 | 54.83 | 58.90 | 63.98 | 74.14 | 84.31 | 94.47 |
| 1.44 | 25 | 16.17 | 36 | 23.29 | — | — | — | 29.76 | 32.83 | 40.99 | 45.07 | 50.17 | 60.35 | 70.52 | 80.69 |
| 1.44 | 18 | 11.64 | 26 | 16.82 | 28.33 | 31.39 | 34.45 | 38.52 | 41.58 | 49.72 | 53.79 | 58.87 | 69.04 | 79.21 | 89.37 |
| 1.44 | 16 | 10.35 | 23 | 14.88 | 30.91 | 33.96 | 37.01 | 41.09 | 44.14 | 52.27 | 56.34 | 61.43 | 71.59 | 81.76 | 91.92 |
| 1.45 | 22 | 14.23 | 32 | 20.70 | — | — | 29.29 | 33.37 | 36.43 | 44.59 | 48.66 | 53.75 | 63.93 | 74.10 | 84.27 |
| 1.45 | *11 | 7.11 | 16 | 10.35 | 37.05⑤ | 40.10⑤ | 43.15⑤ | 47.22⑤ | 50.27⑤ | 58.40⑤ | 62.46⑤ | 67.54⑤ | 77.71⑤ | 87.87⑤ | 98.03⑤ |
| 1.47 | 19 | 12.29 | 28 | 18.11 | 26.77 | 29.83 | 32.89 | 36.97 | 40.03 | 48.17 | 52.24 | 57.33 | 67.50 | 77.67 | 87.84 |

*印：耐久時間が減少しますのでできるだけ使用を避けてください。

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 補正係数(Km) | 6以上 | ⑤ | ④ | ③ | ② |
|--------------------|-----|-----|-----|-----|-----|
| | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm 標 準 ベ ル ト 呼 称 | | | | | | | | | | | | | | 回転比 |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| 112歯 227.58 | 120歯 243.84 | 125歯 254.00 | 140歯 284.48 | 150歯 304.80 | 160歯 325.12 | 175歯 355.60 | 180歯 365.76 | 190歯 386.08 | 200歯 406.40 | 224歯 455.17 | 236歯 479.55 | 250歯 508.00 | 265歯 538.48 | |
| 94.99 | 103.12 | 108.20 | 123.44 | 133.60 | 143.76 | 159.00 | 164.08 | 174.24 | 184.40 | 208.79 | 220.98 | 235.20 | 250.44 | 1.18 |
| 83.80 | 91.93 | 97.01 | 112.26 | 122.42 | 132.58 | 147.82 | 152.90 | 163.06 | 173.22 | 197.61 | 209.80 | 224.02 | 239.26 | 1.19 |
| 90.41 | 98.54 | 103.62 | 118.86 | 129.03 | 139.19 | 154.43 | 159.51 | 169.67 | 179.83 | 204.21 | 216.40 | 230.63 | 245.87 | 1.19 |
| 96.01 | 104.14 | 109.22 | 124.46 | 134.62 | 144.78 | 160.02 | 165.10 | 175.26 | 185.42 | 209.80 | 221.99 | 236.22 | 251.46 | 1.19 |
| 69.04 | 77.17 | 82.26 | 97.50 | 107.66 | 117.83 | 133.07 | 138.15 | 148.31 | 158.47 | 182.86 | 195.05 | 209.28 | 224.52 | 1.20 |
| 80.24 | 88.37 | 93.45 | 108.69 | 118.86 | 129.02 | 144.26 | 149.34 | 159.50 | 169.66 | 194.05 | 206.24 | 220.46 | 235.70 | 1.20 |
| 85.84 | 93.97 | 99.05 | 114.29 | 124.45 | 134.61 | 149.85 | 154.93 | 165.09 | 175.25 | 199.64 | 211.83 | 226.05 | 241.29 | 1.20 |
| 91.43 | 99.56 | 104.64 | 119.88 | 130.04 | 140.20 | 155.44 | 160.52 | 170.68 | 180.84 | 205.23 | 217.42 | 231.64 | 246.88 | 1.20 |
| 97.02 | 105.15 | 110.23 | 125.47 | 135.63 | 145.79 | 161.03 | 166.11 | 176.27 | 186.43 | 210.82 | 223.01 | 237.23 | 252.47 | 1.20 |
| 102.61④ | 110.74④ | 115.82④ | 131.06④ | 141.22④ | 151.38④ | 166.62④ | 171.70④ | 181.86④ | 192.02④ | 216.41④ | 228.60④ | 242.82④ | 258.06④ | 1.20 |
| 92.45 | 100.58 | 105.66 | 120.90 | 131.06 | 141.22 | 156.46 | 161.54 | 171.70 | 181.86 | 206.24 | 218.44 | 232.66 | 247.90 | 1.21 |
| 98.04 | 106.17 | 111.25 | 126.49 | 136.65 | 146.81 | 162.05 | 167.13 | 177.29 | 187.45 | 211.83 | 224.03 | 238.25 | 253.49 | 1.21 |
| 87.87 | 96.00 | 101.08 | 116.32 | 126.48 | 136.64 | 151.88 | 156.96 | 167.12 | 177.28 | 201.67 | 213.86 | 228.09 | 243.33 | 1.22 |
| 93.46 | 101.59 | 106.67 | 121.91 | 132.07 | 142.23 | 157.47 | 162.55 | 172.72 | 182.88 | 207.26 | 219.45 | 233.68 | 248.92 | 1.22 |
| 84.31 | 92.44 | 97.52 | 112.76 | 122.92 | 133.08 | 148.32 | 153.40 | 163.56 | 173.73 | 198.11 | 210.30 | 224.53 | 239.77 | 1.23 |
| 88.89 | 97.01 | 102.10 | 117.34 | 127.50 | 137.66 | 152.90 | 157.98 | 168.14 | 178.30 | 202.69 | 214.88 | 229.10 | 244.34 | 1.23 |
| 89.90 | 98.03 | 103.11 | 118.35 | 128.51 | 138.67 | 153.92 | 159.00 | 169.16 | 179.32 | 203.70 | 215.89 | 230.12 | 245.36 | 1.24 |
| 94.48 | 102.61 | 107.69 | 122.93 | 133.09 | 143.25 | 158.49 | 163.57 | 173.73 | 183.89 | 208.28 | 220.47 | 234.69 | 249.93 | 1.24 |
| 77.17 | 85.30 | 90.39 | 105.63 | 115.80 | 125.96 | 141.20 | 146.28 | 156.44 | 166.60 | 190.99 | 203.18 | 217.41 | 232.65 | 1.25 |
| 86.34 | 94.47 | 99.55 | 114.79 | 124.95 | 135.11 | 150.36 | 155.44 | 165.60 | 175.76 | 200.14 | 212.34 | 226.56 | 241.80 | 1.25 |
| 90.92 | 99.05 | 104.13 | 119.37 | 129.53 | 139.69 | 154.93 | 160.01 | 170.17 | 180.33 | 204.72 | 216.91 | 231.13 | 246.37 | 1.25 |
| 95.50 | 103.62 | 108.70 | 123.95 | 134.11 | 144.27 | 159.51 | 164.59 | 174.75 | 184.91 | 209.29 | 221.48 | 235.71 | 250.95 | 1.25 |
| 100.07⑤ | 108.20⑤ | 113.28⑤ | 128.52⑤ | 138.68⑤ | 148.84⑤ | 164.08⑤ | 169.16⑤ | 179.32⑤ | 189.48⑤ | 213.87⑤ | 226.06⑤ | 240.28⑤ | 255.52⑤ | 1.25 |
| 91.93 | 100.06 | 105.14 | 120.39 | 130.55 | 140.71 | 155.95 | 161.03 | 171.19 | 181.35 | 205.73 | 217.93 | 232.15 | 247.39 | 1.26 |
| 88.37 | 96.50 | 101.58 | 116.82 | 126.99 | 137.15 | 152.39 | 157.47 | 167.63 | 177.79 | 202.17 | 214.37 | 228.59 | 243.83 | 1.27 |
| 96.51 | 104.64 | 109.72 | 124.96 | 135.12 | 145.28 | 160.52 | 165.60 | 175.76 | 185.92 | 210.31 | 222.50 | 236.72 | 251.96 | 1.27 |
| 101.09⑤ | 109.22⑤ | 114.30⑤ | 129.54⑤ | 139.70⑤ | 149.86⑤ | 165.10⑤ | 170.18⑤ | 180.34⑤ | 190.50⑤ | 214.88⑤ | 227.07⑤ | 241.30⑤ | 256.54⑤ | 1.27 |
| 84.81 | 92.94 | 98.02 | 113.26 | 123.42 | 133.58 | 148.83 | 153.91 | 164.07 | 174.23 | 198.62 | 210.81 | 225.03 | 240.27 | 1.28 |
| 92.95 | 101.08 | 106.16 | 121.40 | 131.56 | 141.72 | 156.96 | 162.04 | 172.20 | 182.36 | 206.75 | 218.94 | 233.17 | 248.41 | 1.28 |
| 81.24 | 89.37 | 94.45 | 109.70 | 119.86 | 130.02 | 145.26 | 150.35 | 160.51 | 170.67 | 195.05 | 207.25 | 221.47 | 236.71 | 1.29 |
| 89.39 | 97.52 | 102.60 | 117.84 | 128.00 | 138.16 | 153.40 | 158.48 | 168.64 | 178.81 | 203.19 | 215.38 | 229.61 | 244.85 | 1.29 |
| 93.97 | 102.10 | 107.18 | 122.42 | 132.58 | 142.74 | 157.98 | 163.06 | 173.22 | 183.38 | 207.77 | 219.96 | 234.18 | 249.42 | 1.29 |
| 97.53 | 105.66 | 110.74 | 125.98 | 136.14 | 146.30 | 161.54 | 166.62 | 176.78 | 186.94 | 211.32 | 223.52 | 237.74 | 252.98 | 1.29 |
| 86.84 | 94.97 | 100.05 | 115.29 | 125.46 | 135.62 | 150.86 | 155.94 | 166.10 | 176.26 | 200.65 | 212.84 | 227.06 | 242.31 | 1.30 |
| 90.40 | 98.53 | 103.61 | 118.86 | 129.02 | 139.18 | 154.42 | 159.50 | 169.66 | 179.82 | 204.21 | 216.40 | 230.62 | 245.86 | 1.30 |
| 94.98 | 103.11 | 108.19 | 123.43 | 133.59 | 143.75 | 159.00 | 164.08 | 174.24 | 184.40 | 208.78 | 220.97 | 235.20 | 250.44 | 1.31 |
| 91.42 | 99.55 | 104.63 | 119.87 | 130.03 | 140.19 | 155.44 | 160.52 | 170.68 | 180.84 | 205.22 | 217.42 | 231.64 | 246.88 | 1.32 |
| 71.01 | 79.15 | 84.24 | 99.49 | 109.66 | 119.83 | 135.07 | 140.15 | 150.32 | 160.48 | 184.87 | 197.07 | 211.29 | 226.53 | 1.33 |
| 78.17 | 86.30 | 91.38 | 106.63 | 116.80 | 126.96 | 142.20 | 147.28 | 157.45 | 167.61 | 192.00 | 204.19 | 218.42 | 233.66 | 1.33 |
| 81.74 | 89.87 | 94.95 | 110.20 | 120.36 | 130.52 | 145.77 | 150.85 | 161.01 | 171.17 | 195.56 | 207.75 | 221.98 | 237.22 | 1.33 |
| 85.30 | 93.44 | 98.52 | 113.76 | 123.92 | 134.09 | 149.33 | 154.41 | 164.57 | 174.73 | 199.12 | 211.31 | 225.54 | 240.78 | 1.33 |
| 88.87 | 97.00 | 102.08 | 117.33 | 127.49 | 137.65 | 152.89 | 157.97 | 168.13 | 178.29 | 202.68 | 214.87 | 229.10 | 244.34 | 1.33 |
| 92.44 | 100.57 | 105.65 | 120.89 | 131.05 | 141.21 | 156.45 | 161.53 | 171.69 | 181.85 | 206.24 | 218.43 | 232.66 | 247.90 | 1.33 |
| 96.00 | 104.13 | 109.21 | 124.45 | 134.61 | 144.77 | 160.01 | 165.09 | 175.25 | 185.41 | 209.80 | 221.99 | 236.21 | 251.45 | 1.33 |
| 99.56⑤ | 107.69⑤ | 112.77⑤ | 128.01⑤ | 138.17⑤ | 148.33⑤ | 163.57⑤ | 168.65⑤ | 178.81⑤ | 188.97⑤ | 213.36⑤ | 225.55⑤ | 239.77⑤ | 255.01⑤ | 1.33 |
| 89.89 | 98.02 | 103.10 | 118.34 | 128.50 | 138.67 | 153.91 | 158.99 | 169.15 | 179.31 | 203.70 | 215.89 | 230.11 | 245.35 | 1.35 |
| 93.45 | 101.58 | 106.66 | 121.90 | 132.07 | 142.23 | 157.47 | 162.55 | 172.71 | 182.87 | 207.25 | 219.45 | 233.67 | 248.91 | 1.35 |
| 87.34 | 95.47 | 100.55 | 115.80 | 125.96 | 136.12 | 151.36 | 156.44 | 166.60 | 176.77 | 201.15 | 213.34 | 227.57 | 242.81 | 1.36 |
| 97.01 | 105.14 | 110.22 | 125.47 | 135.63 | 145.79 | 161.03 | 166.11 | 176.27 | 186.43 | 210.81 | 223.01 | 237.23 | 252.47 | 1.36 |
| 100.58⑤ | 108.70⑤ | 113.78⑤ | 129.03⑤ | 139.19⑤ | 149.35⑤ | 164.59⑤ | 169.67⑤ | 179.83⑤ | 189.99⑤ | 214.37⑤ | 226.56⑤ | 240.79⑤ | 256.03⑤ | 1.36 |
| 90.90 | 99.03 | 104.12 | 119.36 | 129.52 | 139.68 | 154.92 | 160.00 | 170.16 | 180.33 | 204.71 | 216.90 | 231.13 | 246.37 | 1.37 |
| 82.23 | 90.37 | 95.45 | 110.70 | 120.86 | 131.02 | 146.27 | 151.35 | 161.51 | 171.67 | 196.06 | 208.25 | 222.48 | 237.72 | 1.38 |
| 94.47 | 102.60 | 107.68 | 122.92 | 133.08 | 143.24 | 158.48 | 163.56 | 173.73 | 183.89 | 208.27 | 220.46 | 234.69 | 249.93 | 1.38 |
| 85.80 | 93.93 | 99.02 | 114.26 | 124.43 | 134.59 | 149.83 | 154.91 | 165.07 | 175.24 | 199.62 | 211.82 | 226.04 | 241.28 | 1.39 |
| 91.92 | 100.05 | 105.13 | 120.37 | 130.54 | 140.70 | 155.94 | 161.02 | 171.18 | 181.34 | 205.73 | 217.92 | 232.14 | 247.39 | 1.39 |
| 89.37 | 97.50 | 102.58 | 117.83 | 127.99 | 138.15 | 153.39 | 158.47 | 168.64 | 178.80 | 203.18 | 215.38 | 229.60 | 244.84 | 1.40 |
| 95.48 | 103.61 | 108.69 | 123.94 | 134.10 | 144.26 | 159.50 | 164.58 | 174.74 | 184.90 | 209.29 | 221.48 | 235.70 | 250.94 | 1.40 |
| 101.59④ | 109.72④ | 114.80④ | 130.04④ | 140.20④ | 150.36④ | 165.60④ | 170.68④ | 180.84④ | 191.00④ | 215.39④ | 227.58④ | 241.80④ | 257.04④ | 1.40 |
| 92.94 | 101.07 | 106.15 | 121.39 | 131.55 | 141.71 | 156.96 | 162.04 | 172.20 | 182.36 | 206.74 | 218.94 | 233.16 | 248.40 | 1.41 |
| 90.39 | 98.52 | 103.60 | 118.84 | 129.01 | 139.17 | 154.41 | 159.49 | 169.65 | 179.81 | 204.20 | 216.39 | 230.62 | 245.86 | 1.42 |
| 99.05⑤ | 107.18⑤ | 112.26⑤ | 127.50⑤ | 137.66⑤ | 147.82⑤ | 163.06⑤ | 168.14⑤ | 178.30⑤ | 188.46⑤ | 212.85⑤ | 225.04⑤ | 239.26⑤ | 254.50⑤ | 1.42 |
| 79.15 | 87.29 | 92.37 | 107.63 | 117.79 | 127.96 | 143.20 | 148.29 | 158.45 | 168.61 | 193.00 | 205.20 | 219.42 | 234.66 | 1.43 |
| 87.84 | 95.97 | 101.05 | 116.30 | 126.46 | 136.62 | 151.86 | 156.95 | 167.11 | 177.27 | 201.65 | 213.85 | 228.07 | 243.31 | 1.43 |
| 96.50 | 104.63 | 109.71 | 124.95 | 135.11 | 145.28 | 160.52 | 165.60 | 175.76 | 185.92 | 210.30 | 222.50 | 236.72 | 251.96 | 1.43 |
| 82.73 | 90.86 | 95.95 | 111.20 | 121.36 | 131.52 | 146.77 | 151.85 | 162.01 | 172.18 | 196.56 | 208.76 | 222.98 | 238.23 | 1.44 |
| 91.40 | 99.53 | 104.62 | 119.86 | 130.02 | 140.18 | 155.43 | 160.51 | 170.67 | 180.83 | 205.22 | 217.41 | 231.63 | 246.87 | 1.44 |
| 93.95 | 102.08 | 107.16 | 122.41 | 132.57 | 142.73 | 157.97 | 163.05 | 173.21 | 183.37 | 207.76 | 219.95 | 234.18 | 249.42 | 1.44 |
| 86.30 | 94.43 | 99.52 | 114.76 | 124.93 | 135.09 | 150.33 | 155.41 | 165.58 | 175.74 | 200.13 | 212.32 | 226.54 | 241.79 | 1.45 |
| 100.06⑤ | 108.19⑤ | 113.27⑤ | 128.51⑤ | 138.67⑤ | 148.84⑤ | 164.08⑤ | 169.16⑤ | 179.32 | | | | | | |

Timing Belt Type G & Type U ■設計資料編

MXL

1.47~1.90

設計表

下表軸間距離は、ベルトに許容張力を与えたときの理論値です。ベルト長さ、プーリ外径の許容誤差によって実際値はかわることがありますので、軸間距離には出来るだけ調節代、またはテンションプーリをつけてください。尚、軸間距離固定の場合は当社へご相談ください。

表18-③ MXL 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|------|--------|---------|------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 50歯 101.60 | 53歯 107.70 | 56歯 113.79 | 60歯 121.92 | 63歯 128.02 | 71歯 144.27 | 75歯 152.40 | 80歯 162.56 | 90歯 182.88 | 100歯 203.20 | 110歯 223.52 |
| 1.47 | 17 | 11.00 | 25 | 16.17 | 29.35 | 32.41 | 35.47 | 39.54 | 42.59 | 50.73 | 54.80 | 59.89 | 70.06 | 80.22 | 90.39 |
| 1.47 | *15 | 9.70 | 22 | 14.23 | 31.92 | 34.98 | 38.03 | 42.10 | 45.16 | 53.29 | 57.36 | 62.44 | 72.61 | 82.77 | 92.94 |
| 1.48 | 27 | 17.46 | 40 | 25.87 | — | — | — | — | — | 37.87 | 41.95 | 47.06 | 57.25 | 67.43 | 77.61 |
| 1.50 | 40 | 25.87 | 60 | 38.81 | — | — | — | — | — | — | — | — | — | 50.38 | 60.61 |
| 1.50 | 32 | 20.70 | 48 | 31.05 | — | — | — | — | — | — | — | 40.31 | 50.54 | 60.74 | 70.93 |
| 1.50 | 24 | 15.52 | 36 | 23.29 | — | — | — | 30.23 | 33.30 | 41.47 | 45.55 | 50.65 | 60.84 | 71.01 | 81.19 |
| 1.50 | 20 | 12.94 | 30 | 19.40 | — | 28.26 | 31.33 | 35.41 | 38.47 | 46.62 | 50.70 | 55.79 | 65.96 | 76.13 | 86.30 |
| 1.50 | 18 | 11.64 | 27 | 17.46 | 27.79 | 30.85 | 33.91 | 37.99 | 41.04 | 49.19 | 53.26 | 58.35 | 68.52 | 78.69 | 88.85 |
| 1.50 | 16 | 10.35 | 24 | 15.52 | 30.37 | 33.43 | 36.48 | 40.56 | 43.61 | 51.75 | 55.82 | 60.91 | 71.07 | 81.24 | 91.40 |
| 1.50 | *14 | 9.06 | 21 | 13.58 | 32.94 | 36.00 | 39.05 | 43.12 | 46.17 | 54.31 | 58.38 | 63.46 | 73.63 | 83.79 | 93.95 |
| 1.50 | *12 | 7.76 | 18 | 11.64 | 35.51⑤ | 38.56⑤ | 41.61⑤ | 45.68⑤ | 48.73⑤ | 56.86⑤ | 60.93⑤ | 66.01⑤ | 76.18⑤ | 86.34⑤ | 96.50⑤ |
| 1.50 | *10 | 6.47 | *15 | 9.70 | 38.07④ | 41.12④ | 44.17④ | 48.23④ | 51.28④ | 59.41④ | 63.48④ | 68.56④ | 78.72④ | 88.89④ | 99.05④ |
| 1.52 | 21 | 13.58 | 32 | 20.70 | — | — | 29.76 | 33.85 | 36.91 | 45.07 | 49.15 | 54.24 | 64.42 | 74.59 | 84.76 |
| 1.53 | 17 | 11.00 | 26 | 16.82 | 28.81 | 31.87 | 34.93 | 39.01 | 42.06 | 50.21 | 54.28 | 59.36 | 69.54 | 79.70 | 89.87 |
| 1.53 | *15 | 9.70 | 23 | 14.88 | 31.39 | 34.45 | 37.50 | 41.58 | 44.63 | 52.77 | 56.84 | 61.92 | 72.09 | 82.26 | 92.42 |
| 1.54 | 26 | 16.82 | 40 | 25.87 | — | — | — | — | — | 38.34 | 42.43 | 47.54 | 57.73 | 67.92 | 78.10 |
| 1.55 | *11 | 7.11 | 17 | 11.00 | 36.52⑤ | 39.58⑤ | 42.63⑤ | 46.70⑤ | 49.75⑤ | 57.88⑤ | 61.95⑤ | 67.03⑤ | 77.19⑤ | 87.35⑤ | 97.52⑤ |
| 1.56 | 18 | 11.64 | 28 | 18.11 | 27.24 | 30.31 | 33.37 | 37.45 | 40.51 | 48.66 | 52.73 | 57.82 | 68.00 | 78.17 | 88.33 |
| 1.56 | 16 | 10.35 | 25 | 16.17 | 29.83 | 32.89 | 35.95 | 40.03 | 43.08 | 51.23 | 55.30 | 60.38 | 70.55 | 80.72 | 90.89 |
| 1.57 | 23 | 14.88 | 36 | 23.29 | — | — | — | 30.70 | 33.77 | 41.95 | 46.04 | 51.14 | 61.32 | 71.50 | 81.68 |
| 1.57 | *14 | 9.06 | 22 | 14.23 | 32.41 | 35.47 | 38.52 | 42.59 | 45.65 | 53.79 | 57.85 | 62.94 | 73.11 | 83.27 | 93.44 |
| 1.58 | 19 | 12.29 | 30 | 19.40 | 25.66 | 28.74 | 31.81 | 35.89 | 38.95 | 47.11 | 51.18 | 56.28 | 66.45 | 76.63 | 86.80 |
| 1.58 | *12 | 7.76 | 19 | 12.29 | 34.98⑤ | 38.03⑤ | 41.09⑤ | 45.16⑤ | 48.21⑤ | 56.34⑤ | 60.41⑤ | 65.49⑤ | 75.66⑤ | 85.82⑤ | 95.99⑤ |
| 1.59 | 17 | 11.00 | 27 | 17.46 | 28.26 | 31.33 | 34.39 | 38.47 | 41.53 | 49.68 | 53.75 | 58.84 | 69.01 | 79.18 | 89.35 |
| 1.60 | 30 | 19.40 | 48 | 31.05 | — | — | — | — | — | — | 36.11 | 41.25 | 51.49 | 61.70 | 71.90 |
| 1.60 | 25 | 16.17 | 40 | 25.87 | — | — | — | — | — | 38.81 | 42.91 | 48.01 | 58.22 | 68.41 | 78.59 |
| 1.60 | 20 | 12.94 | 32 | 20.70 | — | 27.15 | 30.23 | 34.32 | 37.39 | 45.55 | 49.63 | 54.73 | 64.91 | 75.08 | 85.26 |
| 1.60 | *15 | 9.70 | 24 | 15.52 | 30.85 | 33.91 | 36.97 | 41.04 | 44.10 | 52.24 | 56.31 | 61.40 | 71.57 | 81.74 | 91.90 |
| 1.60 | *10 | 6.47 | 16 | 10.35 | 37.54④ | 40.59④ | 43.64④ | 47.71④ | 50.76④ | 58.90④ | 62.96④ | 68.04④ | 78.21④ | 88.37④ | 98.53④ |
| 1.63 | 16 | 10.35 | 26 | 16.82 | 29.29 | 32.35 | 35.41 | 39.49 | 42.55 | 50.70 | 54.77 | 59.86 | 70.03 | 80.20 | 90.37 |
| 1.64 | 22 | 14.23 | 36 | 23.29 | — | — | — | 31.17 | 34.24 | 42.43 | 46.52 | 51.62 | 61.81 | 71.99 | 82.17 |
| 1.64 | *14 | 9.06 | 23 | 14.88 | 31.87 | 34.93 | 37.99 | 42.06 | 45.12 | 53.26 | 57.33 | 62.42 | 72.59 | 82.75 | 92.92 |
| 1.64 | *11 | 7.11 | 18 | 11.64 | 36.00⑤ | 39.05⑤ | 42.10⑤ | 46.17⑤ | 49.22⑤ | 57.36⑤ | 61.43⑤ | 66.51⑤ | 76.67⑤ | 86.84⑤ | 97.00⑤ |
| 1.65 | 17 | 11.00 | 28 | 18.11 | 27.71 | 30.78 | 33.85 | 37.93 | 40.99 | 49.15 | 53.22 | 58.31 | 68.49 | 78.66 | 88.83 |
| 1.67 | 36 | 23.29 | 60 | 38.81 | — | — | — | — | — | — | — | — | 41.95 | 52.26 | 62.51 |
| 1.67 | 24 | 15.52 | 40 | 25.87 | — | — | — | — | 31.07 | 39.28 | 43.38 | 48.49 | 58.70 | 68.89 | 79.08 |
| 1.67 | 18 | 11.64 | 30 | 19.40 | 26.13 | 29.21 | 32.28 | 36.37 | 39.43 | 47.59 | 51.67 | 56.76 | 66.94 | 77.12 | 87.29 |
| 1.67 | *15 | 9.70 | 25 | 16.17 | 30.31 | 33.37 | 36.43 | 40.51 | 43.57 | 51.71 | 55.79 | 60.87 | 71.05 | 81.22 | 91.38 |
| 1.67 | *12 | 7.76 | 20 | 12.94 | 34.45⑤ | 37.50⑤ | 40.56⑤ | 44.63⑤ | 47.68⑤ | 55.82⑤ | 59.89⑤ | 64.97⑤ | 75.14⑤ | 85.30⑤ | 95.47⑤ |
| 1.68 | 19 | 12.29 | 32 | 20.70 | 24.53 | 27.62 | 30.70 | 34.80 | 37.87 | 46.04 | 50.12 | 55.21 | 65.40 | 75.58 | 85.75 |
| 1.69 | 16 | 10.35 | 27 | 17.46 | 28.74 | 31.81 | 34.87 | 38.95 | 42.01 | 50.17 | 54.24 | 59.33 | 69.50 | 79.68 | 89.85 |
| 1.70 | *10 | 6.47 | 17 | 11.00 | 37.01④ | 40.07④ | 43.12④ | 47.19④ | 50.24④ | 58.38④ | 62.44④ | 67.53④ | 77.69④ | 87.85④ | 98.02④ |
| 1.71 | 28 | 18.11 | 48 | 31.05 | — | — | — | — | — | — | 37.03 | 42.18 | 52.43 | 62.66 | 72.86 |
| 1.71 | 21 | 13.58 | 36 | 23.29 | — | — | — | 31.63 | 34.71 | 42.91 | 46.99 | 52.10 | 62.30 | 72.48 | 82.66 |
| 1.71 | *14 | 9.06 | 24 | 15.52 | 31.33 | 34.39 | 37.45 | 41.53 | 44.59 | 52.73 | 56.80 | 61.89 | 72.06 | 82.23 | 92.40 |
| 1.73 | *15 | 9.70 | 26 | 16.82 | 29.76 | 32.83 | 35.89 | 39.97 | 43.03 | 51.18 | 55.26 | 60.35 | 70.52 | 80.69 | 90.86 |
| 1.73 | *11 | 7.11 | 19 | 12.29 | 35.47⑤ | 38.52⑤ | 41.58⑤ | 45.65⑤ | 48.70⑤ | 56.84⑤ | 60.91⑤ | 65.99⑤ | 76.16⑤ | 86.32⑤ | 96.49⑤ |
| 1.74 | 23 | 14.88 | 40 | 25.87 | — | — | — | — | 31.52 | 39.75 | 43.85 | 48.97 | 59.18 | 69.38 | 79.57 |
| 1.75 | 16 | 10.35 | 28 | 18.11 | 28.18 | 31.26 | 34.32 | 38.41 | 41.47 | 49.63 | 53.71 | 58.80 | 68.98 | 79.15 | 89.32 |
| 1.75 | *12 | 7.76 | 21 | 13.58 | 33.91⑤ | 36.97⑤ | 40.03⑤ | 44.10⑤ | 47.15⑤ | 55.30⑤ | 59.36⑤ | 64.45⑤ | 74.62⑤ | 84.79⑤ | 94.95⑤ |
| 1.76 | 17 | 11.00 | 30 | 19.40 | 26.59 | 29.67 | 32.75 | 36.84 | 39.91 | 48.08 | 52.15 | 57.25 | 67.43 | 77.61 | 87.78 |
| 1.78 | 27 | 17.46 | 48 | 31.05 | — | — | — | — | — | — | 37.48 | 42.64 | 52.90 | 63.13 | 73.35 |
| 1.78 | 18 | 11.64 | 32 | 20.70 | — | 28.08 | 31.17 | 35.27 | 38.34 | 46.52 | 50.60 | 55.70 | 65.88 | 76.07 | 86.24 |
| 1.79 | *14 | 9.06 | 25 | 16.17 | 30.78 | 33.85 | 36.91 | 40.99 | 44.05 | 52.20 | 56.28 | 61.36 | 71.54 | 81.71 | 91.88 |
| 1.80 | 40 | 25.87 | 72 | 46.57 | — | — | — | — | — | — | — | — | — | — | 53.87 |
| 1.80 | 20 | 12.94 | 36 | 23.29 | — | — | — | 32.09 | 35.18 | 43.38 | 47.47 | 52.58 | 62.78 | 72.97 | 83.15 |
| 1.80 | *15 | 9.70 | 27 | 17.46 | 29.21 | 32.28 | 35.35 | 39.43 | 42.49 | 50.65 | 54.73 | 59.82 | 70.00 | 80.17 | 90.34 |
| 1.80 | *10 | 6.47 | 18 | 11.64 | 36.48④ | 39.54④ | 42.59④ | 46.66④ | 49.72④ | 57.85④ | 61.92④ | 67.01④ | 77.17④ | 87.34④ | 97.50④ |
| 1.82 | 22 | 14.23 | 40 | 25.87 | — | — | — | — | 31.98 | 40.22 | 44.32 | 49.44 | 59.66 | 69.86 | 80.05 |
| 1.82 | *11 | 7.11 | 20 | 12.94 | 34.93⑤ | 37.99⑤ | 41.04⑤ | 45.12⑤ | 48.17⑤ | 56.31⑤ | 60.38⑤ | 65.47⑤ | 75.64⑤ | 85.80⑤ | 95.97⑤ |
| 1.83 | *12 | 7.76 | 22 | 14.23 | 33.37⑤ | 36.43⑤ | 39.49⑤ | 43.57⑤ | 46.62⑤ | 54.77⑤ | 58.84⑤ | 63.93⑤ | 74.10⑤ | 84.27⑤ | 94.43⑤ |
| 1.85 | 26 | 16.82 | 48 | 31.05 | — | — | — | — | — | — | 37.94 | 43.10 | 53.37 | 63.61 | 73.83 |
| 1.86 | *14 | 9.06 | 26 | 16.82 | 30.23 | 33.30 | 36.37 | 40.45 | 43.51 | 51.67 | 55.74 | 60.84 | 71.01 | 81.19 | 91.36 |
| 1.87 | *15 | 9.70 | 28 | 18.11 | 28.65 | 31.73 | 34.80 | 38.89 | 41.95 | 50.12 | 54.19 | 59.29 | 69.47 | 79.65 | 89.82 |
| 1.88 | 32 | 20.70 | 60 | 38.81 | — | — | — | — | — | — | — | — | 43.77 | 54.11 | 64.39 |
| 1.88 | 17 | 11.00 | 32 | 20.70 | — | 28.54 | 31.63 | 35.74 | 38.81 | 46.99 | 51.08 | 56.18 | 66.37 | 76.55 | 86.73 |
| 1.88 | 16 | 10.35 | 30 | 19.40 | 27.05 | 30.14 | 33.22 | 37.32 | 40.39 | 48.56 | 52.64 | 57.73 | 67.92 | 78.10 | 88.28 |
| 1.89 | 19 | 12.29 | 36 | 23.29 | — | — | 28.42 | 32.56 | 35.64 | 43.85 | 47.94 | 53.06 | 63.26 | 73.45 | 83.64 |
| 1.90 | 21 | 13.58 | 40 | 25.87 | — | — | — | — | 32.44 | 40.68 | 44.79 | 49.91 | 60.14 | 70.34 | 80.54 |
| 1.90 | *10 | 6.47 | 19 | 12.29 | 35.95④ | 39.01④ | 42.06④ | 46.14④ | 49.19④ | 57.33④ | 61.40④ | 66.48④ | 76.65④ | 86.82④ | 96.98④ |

*印：耐久時間が減少しますのでできるだけ使用を避けてください。

Timing Belt Type G & Type U ■設計資料編

MXL

2.80~5.00

設計表

下表軸間距離は、ベルトに許容張力を与えたときの理論値です。ベルト長さ、プーリ外径の許容誤差によって実際値はかわることがありますので、軸間距離には出来るだけ調節代、またはテンションプーリをつけてください。尚、軸間距離固定の場合は当社へご相談ください。

表18-① MXL 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|------|--------|---------|------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 50歯 101.60 | 53歯 107.69 | 56歯 113.79 | 60歯 121.92 | 63歯 128.01 | 71歯 144.27 | 75歯 152.40 | 80歯 162.56 | 90歯 182.88 | 100歯 203.20 | 110歯 223.52 |
| 2.80 | 30 | 19.40 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | — | 50.85 |
| 2.80 | *10 | 6.47 | 28 | 18.11 | 30.95④ | 34.05④ | 37.14④ | 41.25④ | 44.32④ | 52.51④ | 56.60④ | 61.70④ | 71.90④ | 82.09④ | 92.27④ |
| 2.82 | 17 | 11.00 | 48 | 31.05 | — | — | — | — | — | 37.79 | 41.98 | 47.20 | 57.55 | 67.84 | 78.10 |
| 2.86 | 21 | 13.58 | 60 | 38.81 | — | — | — | — | — | — | — | 38.04 | 48.66 | 59.11 | 69.47 |
| 2.86 | *14 | 9.06 | 40 | 25.87 | — | — | 28.21⑤ | 32.44⑤ | 35.58⑤ | 43.90 | 48.03 | 53.18 | 63.45 | 73.69 | 83.91 |
| 2.88 | 25 | 16.17 | 72 | 46.57 | — | — | — | — | — | — | — | — | — | 50.01 | 60.58 |
| 2.91 | *11 | 7.11 | 32 | 20.70 | 28.14④ | 31.27④ | 34.38④ | 38.52④ | 41.61④ | 49.83⑤ | 53.93⑤ | 59.05⑤ | 69.26⑤ | 79.47⑤ | 89.66⑤ |
| 3.00 | 40 | 25.87 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 3.00 | 32 | 20.70 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | — |
| 3.00 | 28 | 18.11 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | — | 51.69 |
| 3.00 | 24 | 15.52 | 72 | 46.57 | — | — | — | — | — | — | — | — | — | 50.44 | 61.02 |
| 3.00 | 20 | 12.94 | 60 | 38.81 | — | — | — | — | — | — | — | 38.46 | 49.10 | 59.56 | 69.92 |
| 3.00 | 16 | 10.35 | 48 | 31.05 | — | — | — | — | — | 38.22 | 42.43 | 47.64 | 58.00 | 68.30 | 78.57 |
| 3.00 | *12 | 7.76 | 36 | 23.29 | — | 28.40④ | 31.56⑤ | 35.73⑤ | 38.85⑤ | 47.11⑤ | 51.23⑤ | 56.36⑤ | 66.60⑤ | 76.82⑤ | 87.03⑤ |
| 3.00 | *10 | 6.47 | 30 | 19.40 | 29.78④ | 32.89④ | 35.99④ | 40.12④ | 43.20④ | 51.41④ | 55.50④ | 60.61 | 70.82④ | 81.02④ | 91.21④ |
| 3.11 | 27 | 17.46 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | — | 52.11 |
| 3.13 | 23 | 14.88 | 72 | 46.57 | — | — | — | — | — | — | — | — | — | 50.87 | 61.46 |
| 3.16 | 19 | 12.29 | 60 | 38.81 | — | — | — | — | — | — | — | 38.89 | 49.53 | 60.00 | 70.38 |
| 3.20 | 30 | 19.40 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | — |
| 3.20 | *15 | 9.70 | 48 | 31.05 | — | — | — | — | — | 38.66 | 42.87 | 48.09 | 58.46 | 68.77 | 79.04 |
| 3.20 | *10 | 6.47 | 32 | 20.70 | 28.58④ | 31.71④ | 34.83④ | 38.97④ | 42.07④ | 50.30④ | 54.40④ | 59.52④ | 69.74④ | 79.95④ | 90.14④ |
| 3.23 | 26 | 16.82 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | — | 52.53 |
| 3.27 | 22 | 14.23 | 72 | 46.57 | — | — | — | — | — | — | — | — | 40.46 | 51.30 | 61.90 |
| 3.27 | *11 | 7.11 | 36 | 23.29 | 25.65④ | 28.84④ | 32.00④ | 36.18④ | 39.30④ | 47.57④ | 51.69④ | 56.83⑤ | 67.08⑤ | 77.30⑤ | 87.51⑤ |
| 3.33 | 36 | 23.29 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 3.33 | 18 | 11.64 | 60 | 38.81 | — | — | — | — | — | — | — | 39.31 | 49.97 | 60.45 | 70.83 |
| 3.33 | *12 | 7.76 | 40 | 25.87 | — | — | 29.07④ | 33.31④ | 36.47⑤ | 44.80⑤ | 48.95⑤ | 54.11⑤ | 64.39⑤ | 74.63⑤ | 84.86⑤ |
| 3.36 | 25 | 16.17 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | — | 52.95 |
| 3.43 | 28 | 18.11 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | — |
| 3.43 | 21 | 13.58 | 72 | 46.57 | — | — | — | — | — | — | — | — | 40.87 | 51.73 | 62.33 |
| 3.43 | *14 | 9.06 | 48 | 31.05 | — | — | — | — | 30.53⑤ | 39.09⑤ | 43.31⑤ | 48.54⑤ | 58.92 | 69.23 | 79.50 |
| 3.50 | 24 | 15.52 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | — | 53.37 |
| 3.53 | 17 | 11.00 | 60 | 38.81 | — | — | — | — | — | — | — | 39.73 | 50.41 | 60.90 | 71.29 |
| 3.56 | 27 | 17.46 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | — |
| 3.60 | 20 | 12.94 | 72 | 46.57 | — | — | — | — | — | — | — | — | 41.28 | 52.15 | 62.77 |
| 3.60 | *10 | 6.47 | 36 | 23.29 | 26.08③ | 29.27④ | 32.44④ | 36.63④ | 39.75④ | 48.03④ | 52.15④ | 57.29④ | 67.55④ | 77.78④ | 87.99④ |
| 3.64 | *11 | 7.11 | 40 | 25.87 | — | 29.50④ | 32.67④ | 36.84④ | 39.91④ | 48.19④ | 52.31④ | 57.44④ | 67.69④ | 77.91④ | 88.12④ |
| 3.65 | 23 | 14.88 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | — | 53.79 |
| 3.69 | 26 | 16.82 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | — |
| 3.75 | 32 | 20.70 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 3.75 | 16 | 10.35 | 60 | 38.81 | — | — | — | — | — | — | 34.67⑤ | 40.15 | 50.84 | 61.34 | 71.74 |
| 3.79 | 19 | 12.29 | 72 | 46.57 | — | — | — | — | — | — | — | — | 41.69 | 52.58 | 63.21 |
| 3.82 | 22 | 14.23 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | — | 54.20 |
| 3.84 | 25 | 16.17 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | — |
| 4.00 | 30 | 19.40 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 4.00 | 24 | 15.52 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | — |
| 4.00 | 21 | 13.58 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | — | 54.62 |
| 4.00 | 18 | 11.64 | 72 | 46.57 | — | — | — | — | — | — | — | — | 42.10 | 53.00 | 63.64 |
| 4.00 | *15 | 9.70 | 60 | 38.81 | — | — | — | — | — | — | 35.08⑤ | 40.57⑤ | 51.27 | 61.79 | 72.19 |
| 4.00 | *12 | 7.76 | 48 | 31.05 | — | — | — | — | 31.37④ | 39.96④ | 44.19④ | 49.43⑤ | 59.83⑤ | 70.15⑤ | 80.44⑤ |
| 4.00 | 10 | 6.47 | 40 | 25.87 | — | 26.68③ | 29.92③ | 34.18④ | 37.35④ | 45.71④ | 49.86④ | 55.02④ | 65.32④ | 75.58④ | 85.81④ |
| 4.17 | 23 | 14.88 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | — |
| 4.20 | 20 | 12.94 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | 43.89 | 55.04 |
| 4.24 | 17 | 11.00 | 72 | 46.57 | — | — | — | — | — | — | — | — | 42.51 | 53.43 | 64.08 |
| 4.29 | 28 | 18.11 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 4.29 | *14 | 9.06 | 60 | 38.81 | — | — | — | — | — | — | 35.49⑤ | 40.99⑤ | 51.71⑤ | 62.23⑤ | 72.64 |
| 4.36 | 22 | 14.23 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | — |
| 4.36 | *11 | 7.11 | 48 | 31.05 | — | — | — | — | 31.78④ | 40.39④ | 44.62④ | 49.87④ | 60.28④ | 70.61④ | 80.90④ |
| 4.42 | 19 | 12.29 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | 44.29 | 55.45 |
| 4.44 | 27 | 17.46 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 4.50 | 16 | 10.35 | 72 | 46.57 | — | — | — | — | — | — | — | — | 42.91⑤ | 53.85 | 64.51 |
| 4.57 | 21 | 13.58 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | — |
| 4.62 | 26 | 16.82 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 4.67 | 18 | 11.64 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | 44.69 | 55.87 |
| 4.80 | 25 | 16.17 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 4.80 | 20 | 12.94 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | — |
| 4.80 | *15 | 9.70 | 72 | 46.57 | — | — | — | — | — | — | — | — | 43.32⑤ | 54.27⑤ | 64.95 |
| 4.80 | *10 | 6.47 | 48 | 31.05 | — | — | — | 28.88③ | 32.20③ | 40.82④ | 45.06④ | 50.32④ | 60.73④ | 71.07④ | 81.37④ |
| 4.94 | 17 | 11.00 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | 45.09⑤ | 56.28 |
| 5.00 | 24 | 15.52 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |

*印：耐久時間が減少しますのでできるだけ使用を避けてください。

Timing Belt Type G & Type U ■設計資料編

MXL

設計表

5.00～12.00

下表軸間距離は、ベルトに許容張力を与えたときの理論値です。ベルト長さ、プーリ外径の許容誤差によって実際値はかわることがありますので、軸間距離には出来るだけ調節代、またはテンションプーリをつけてください。尚、軸間距離固定の場合は当社へご相談ください。

表18-① MXL 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|-------|--------|---------|------|---------|---------|--------|--------|--------|--------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 50歯 | 53歯 | 56歯 | 60歯 | 63歯 | 71歯 | 75歯 | 80歯 | 90歯 | 100歯 | 110歯 |
| | | | | | 101.60 | 107.69 | 113.79 | 121.92 | 128.01 | 144.27 | 152.40 | 162.56 | 182.88 | 203.20 | 223.52 |
| 5.00 | *12 | 7.76 | 60 | 38.81 | — | — | — | — | — | — | 36.31 ^④ | 41.82 ^④ | 52.57 ^⑤ | 63.11 ^⑤ | 73.55 ^⑤ |
| 5.05 | 19 | 12.29 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | — |
| 5.14 | *14 | 9.06 | 72 | 46.57 | — | — | — | — | — | — | — | — | 43.73 ^⑤ | 54.70 ^⑤ | 65.38 ^⑤ |
| 5.22 | 23 | 14.88 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 5.25 | 16 | 10.35 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | 45.48 ^⑤ | 56.69 |
| 5.33 | 18 | 11.64 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | 47.09 |
| 5.45 | 22 | 14.23 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 5.45 | *11 | 7.11 | 60 | 38.81 | — | — | — | — | — | — | 36.71 ^③ | 42.24 ^④ | 53.00 ^④ | 63.56 ^④ | 74.00 ^④ |
| 5.60 | *15 | 9.70 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | 45.88 ^⑤ | 57.11 ^⑤ |
| 5.65 | 17 | 11.00 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | 47.48 ^⑤ |
| 5.71 | 21 | 13.58 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 6.00 | 20 | 12.94 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 6.00 | 16 | 10.35 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | 47.87 ^⑤ |
| 6.00 | *14 | 9.06 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | 46.28 ^④ | 57.52 ^⑤ |
| 6.00 | *12 | 7.76 | 72 | 46.57 | — | — | — | — | — | — | — | — | 44.54 ^④ | 55.54 ^④ | 66.25 ^④ |
| 6.00 | *10 | 6.47 | 60 | 38.81 | — | — | — | — | — | — | 37.12 ^③ | 42.66 ^③ | 53.43 ^④ | 64.00 ^④ | 74.44 ^④ |
| 6.32 | 19 | 12.29 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 6.40 | *15 | 9.70 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | 48.26 ^④ |
| 6.55 | *11 | 7.11 | 72 | 46.57 | — | — | — | — | — | — | — | — | 44.95 ^③ | 55.96 ^④ | 66.68 ^④ |
| 6.67 | 18 | 11.64 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 6.86 | *14 | 9.06 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | 48.65 ^④ |
| 7.00 | *12 | 7.76 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | 47.07 ^④ | 58.35 ^④ |
| 7.06 | 17 | 11.00 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 7.20 | *10 | 6.47 | 72 | 46.57 | — | — | — | — | — | — | — | — | 45.35 ^③ | 56.38 ^③ | 67.11 ^④ |
| 7.50 | 16 | 10.35 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 7.64 | *11 | 7.11 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | 47.47 ^③ | 58.76 ^④ |
| 8.00 | *15 | 9.70 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 8.00 | *12 | 7.76 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | 49.43 ^③ |
| 8.40 | *10 | 6.47 | 84 | 54.33 | — | — | — | — | — | — | — | — | — | 47.87 ^③ | 59.17 ^③ |
| 8.57 | *14 | 9.06 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 8.73 | *11 | 7.11 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | 49.82 ^③ |
| 9.60 | *10 | 6.47 | 96 | 62.09 | — | — | — | — | — | — | — | — | — | — | 50.21 ^③ |
| 10.00 | *12 | 7.76 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 10.91 | *11 | 7.11 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 12.00 | *10 | 6.47 | 120 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |

*印：耐久時間が減少しますのでできるだけ使用を避けてください。

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 | 6以上 | ⑤ | ④ | ③ | ② |
|----------|-----|-----|-----|-----|-----|
| 補正係数(Km) | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm 標 準 ベ ル ト 呼 称 | | | | | | | | | | | | | | 回転比 |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-------|
| 112歯 227.58 | 120歯 243.84 | 125歯 254.00 | 140歯 284.48 | 150歯 304.80 | 160歯 325.12 | 175歯 355.60 | 180歯 365.76 | 190歯 386.08 | 200歯 406.40 | 224歯 455.168 | 236歯 479.55 | 250歯 508.00 | 265歯 538.48 | |
| 75.62⑤ | 83.91⑤ | 89.07⑤ | 104.51⑤ | 114.77⑤ | 125.02⑤ | 140.37⑤ | 145.48⑤ | 155.69⑤ | 165.90⑤ | 190.38⑤ | 202.61⑤ | 216.87⑤ | 232.14⑤ | 5.00 |
| 49.05 | 58.17 | 63.71 | 79.94 | 90.56 | 101.07 | 116.72 | 121.92 | 132.28 | 142.61 | 167.31 | 179.63 | 193.98 | 209.34 | 5.05 |
| 67.50⑤ | 75.91⑤ | 81.14⑤ | 96.73 | 107.07 | 117.37 | 132.79 | 137.92 | 148.16 | 158.40 | 182.93 | 195.19 | 209.47 | 224.77 | 5.14 |
| — | — | — | 61.61 | 73.02 | 84.06 | 100.25 | 105.58 | 116.16 | 126.67 | 151.70 | 164.13 | 178.60 | 194.06 | 5.22 |
| 58.89 | 67.54 | 72.88 | 88.71 | 99.16 | 109.55 | 125.07 | 130.22 | 140.52 | 150.80 | 175.41 | 187.69 | 202.00 | 217.33 | 5.25 |
| 49.45 | 58.58 | 64.13 | 80.37 | 90.99 | 101.51 | 117.17 | 122.37 | 132.73 | 143.06 | 167.78 | 180.10 | 194.45 | 209.81 | 5.33 |
| — | — | — | 62.00 | 73.42 | 84.48 | 100.68 | 106.01 | 116.60 | 127.11 | 152.15 | 164.59 | 179.06 | 194.52 | 5.45 |
| 76.07④ | 84.36④ | 89.53④ | 104.98④ | 115.24⑤ | 125.49⑤ | 140.84⑤ | 145.95⑤ | 156.17⑤ | 166.38⑤ | 190.86⑤ | 203.09⑤ | 217.35⑤ | 232.63⑤ | 5.45 |
| 59.30⑤ | 67.96⑤ | 73.31 | 89.16 | 99.61 | 110.00 | 125.52 | 130.68 | 140.98 | 151.26 | 175.88 | 188.16 | 202.48 | 217.80 | 5.60 |
| 49.84⑤ | 58.98 | 64.54 | 80.80 | 91.43 | 101.95 | 117.62 | 122.82 | 133.19 | 143.52 | 168.24 | 180.56 | 194.92 | 210.28 | 5.65 |
| — | — | — | 62.40 | 73.83 | 84.89 | 101.10 | 106.44 | 117.03 | 127.55 | 152.60 | 165.04 | 179.52 | 194.98 | 5.71 |
| — | — | — | 62.79 | 74.24 | 85.31 | 101.53 | 106.87 | 117.47 | 127.99 | 153.05 | 165.50 | 179.97 | 195.44 | 6.00 |
| 50.23⑤ | 59.39⑤ | 64.95⑤ | 81.22 | 91.86 | 102.40 | 118.07 | 123.27 | 133.64 | 143.98 | 168.70 | 181.03 | 195.39 | 210.76 | 6.00 |
| 59.72⑤ | 68.39⑤ | 73.74⑤ | 89.60⑤ | 100.05⑤ | 110.46 | 125.98 | 131.14 | 141.44 | 151.73 | 176.35 | 188.63 | 202.95 | 218.28 | 6.00 |
| 68.37④ | 76.80⑤ | 82.03⑤ | 97.64⑤ | 107.98⑤ | 118.30⑤ | 133.72⑤ | 138.85⑤ | 149.11⑤ | 159.35⑤ | 183.89⑤ | 196.14⑤ | 210.43⑤ | 225.73⑤ | 6.00 |
| 76.52④ | 84.82④ | 89.99④ | 105.44④ | 115.71④ | 125.96④ | 141.31④ | 146.43④ | 156.65④ | 166.86④ | 191.34④ | 203.57④ | 217.84④ | 233.12④ | 6.00 |
| — | — | — | 63.19 | 74.64 | 85.73 | 101.96 | 107.30 | 117.90 | 128.43 | 153.50 | 165.95 | 180.43 | 195.90 | 6.32 |
| 50.63⑤ | 59.79⑤ | 65.36⑤ | 81.65⑤ | 92.29 | 102.84 | 118.52 | 123.72 | 134.09 | 144.44 | 169.17 | 181.50 | 195.86 | 211.23 | 6.40 |
| 68.80④ | 77.24④ | 82.48④ | 98.09④ | 108.44④ | 118.76④ | 134.19④ | 139.32⑤ | 149.58⑤ | 159.82⑤ | 184.36⑤ | 196.62⑤ | 210.91⑤ | 226.22⑤ | 6.55 |
| — | — | — | 63.58 | 75.05 | 86.14 | 102.38 | 107.73 | 118.34 | 128.87 | 153.95 | 166.40 | 180.89 | 196.37 | 6.67 |
| 51.02④ | 60.20⑤ | 65.77⑤ | 82.08⑤ | 92.73⑤ | 103.28⑤ | 118.96 | 124.17 | 134.55 | 144.89 | 169.63 | 181.96 | 196.33 | 211.70 | 6.86 |
| 60.55④ | 69.24④ | 74.60④ | 90.48⑤ | 100.95⑤ | 111.36⑤ | 126.90⑤ | 132.06⑤ | 142.37⑤ | 152.66⑤ | 177.29⑤ | 189.58⑤ | 203.90⑤ | 219.24⑤ | 7.00 |
| — | — | — | 63.97⑤ | 75.45 | 86.55 | 102.81 | 108.15 | 118.77 | 129.31 | 154.39 | 166.85 | 181.34 | 196.83 | 7.06 |
| 69.23④ | 77.68④ | 82.92④ | 98.54④ | 108.90④ | 119.22④ | 134.65④ | 139.79④ | 150.04④ | 160.29④ | 184.84④ | 197.10④ | 211.39④ | 226.70④ | 7.20 |
| — | — | — | 64.36⑤ | 75.86⑤ | 86.97 | 103.23 | 108.58 | 119.21 | 129.75 | 154.84 | 167.31 | 181.80 | 197.28 | 7.50 |
| 60.96④ | 69.66④ | 75.03④ | 90.91④ | 101.39④ | 111.81④ | 127.35④ | 132.52④ | 142.83④ | 153.12④ | 177.76⑤ | 190.05⑤ | 204.38⑤ | 219.71⑤ | 7.64 |
| — | — | — | 64.76④ | 76.26⑤ | 87.38⑤ | 103.66⑤ | 109.01 | 119.64 | 130.19 | 155.29 | 167.76 | 182.26 | 197.74 | 8.00 |
| 51.81③ | 61.01④ | 66.60④ | 82.93④ | 93.59④ | 104.15⑤ | 119.86⑤ | 125.07⑤ | 135.45⑤ | 145.81⑤ | 170.56⑤ | 182.89⑤ | 197.27⑤ | 212.64⑤ | 8.00 |
| 61.37③ | 70.08③ | 75.45③ | 91.35④ | 101.84④ | 112.26④ | 127.81④ | 132.97④ | 143.29④ | 153.58④ | 178.23④ | 190.52④ | 204.85④ | 220.19④ | 8.40 |
| — | — | — | 65.15④ | 76.66⑤ | 87.80⑤ | 104.08⑤ | 109.44⑤ | 120.07⑤ | 130.63⑤ | 155.74 | 168.21 | 182.71 | 198.20 | 8.57 |
| 52.20③ | 61.41③ | 67.01④ | 83.35④ | 94.03④ | 104.59④ | 120.30④ | 125.51④ | 135.90④ | 146.26④ | 171.02④ | 183.36④ | 197.73⑤ | 213.11⑤ | 8.73 |
| 52.59③ | 61.82③ | 67.41③ | 83.78③ | 94.46④ | 105.03④ | 120.75④ | 125.96④ | 136.36④ | 146.72④ | 171.48④ | 183.82④ | 198.20④ | 213.58④ | 9.60 |
| — | — | — | 65.93③ | 77.47④ | 88.62④ | 104.93④ | 110.29④ | 120.94④ | 131.51④ | 156.63⑤ | 169.11⑤ | 183.62⑤ | 199.12⑤ | 10.00 |
| — | — | — | 66.32③ | 77.87③ | 89.03④ | 105.35④ | 110.72④ | 121.37④ | 131.94④ | 157.08④ | 169.56④ | 184.08④ | 199.58④ | 10.91 |
| — | — | — | 66.72③ | 78.28③ | 89.45③ | 105.78③ | 111.15③ | 121.81④ | 132.38④ | 157.53④ | 170.01④ | 184.53④ | 200.04④ | 12.00 |

Timing Belt Type G & Type U ■設計資料編

XL

1.00~1.29

設計表

下表軸間距離は、ベルトに許容張力を与えたときの理論値です。ベルト長さ、プーリ外径の許容誤差によって実際値はかわることがありますので、軸間距離には出来るだけ調節代、またはテンションプーリをつけてください。尚、軸間距離固定の場合は当社へご相談ください。

表19-① XL 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|------|--------|---------|------|---------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 60XL 30歯 152.40 | 70XL 35歯 177.80 | 80XL 40歯 203.20 | 90XL 45歯 228.60 | 100XL 50歯 254.00 | 110XL 55歯 279.40 | 116XL 55歯 279.40 | 118XL 59歯 299.72 | 120XL 60歯 304.80 | 130XL 65歯 330.20 | 136XL 68歯 345.44 |
| 1.00 | 30 | 48.51 | 30 | 48.51 | — | — | — | — | — | 63.50 | 71.12 | 73.66 | 76.20 | 88.90 | 96.52 |
| 1.00 | 28 | 45.28 | 28 | 45.28 | — | — | — | — | 55.88 | 68.58 | 76.20 | 78.74 | 81.28 | 93.98 | 101.60 |
| 1.00 | 26 | 42.04 | 26 | 42.04 | — | — | — | — | 60.96 | 73.66 | 81.28 | 83.82 | 86.36 | 99.06 | 106.68 |
| 1.00 | 25 | 40.43 | 25 | 40.43 | — | — | — | 50.80 | 63.50 | 76.20 | 83.82 | 86.36 | 88.90 | 101.60 | 109.22 |
| 1.00 | 24 | 38.81 | 24 | 38.81 | — | — | — | 53.34 | 66.04 | 78.74 | 86.36 | 88.90 | 91.44 | 104.14 | 111.76 |
| 1.00 | 22 | 35.57 | 22 | 35.57 | — | — | 45.72 | 58.42 | 71.12 | 83.82 | 91.44 | 93.98 | 96.52 | 109.22 | 116.84 |
| 1.00 | 21 | 33.96 | 21 | 33.96 | — | — | 48.26 | 60.96 | 73.66 | 86.36 | 93.98 | 96.52 | 99.06 | 111.76 | 119.38 |
| 1.00 | 20 | 32.34 | 20 | 32.34 | — | — | 50.80 | 63.50 | 76.20 | 88.90 | 96.52 | 99.06 | 101.60 | 114.30 | 121.92 |
| 1.00 | 19 | 30.72 | 19 | 30.72 | — | — | 53.34 | 66.04 | 78.74 | 91.44 | 99.06 | 101.60 | 104.14 | 116.84 | 124.46 |
| 1.00 | 18 | 29.11 | 18 | 29.11 | — | 43.18 | 55.88 | 68.58 | 81.28 | 93.98 | 101.60 | 104.14 | 106.68 | 119.38 | 127.00 |
| 1.00 | 16 | 25.87 | 16 | 25.87 | — | 48.26 | 60.96 | 73.66 | 86.36 | 99.06 | 106.68 | 109.22 | 111.76 | 124.46 | 132.08 |
| 1.00 | 15 | 24.26 | 15 | 24.26 | 38.10 | 50.80 | 63.50 | 76.20 | 88.90 | 101.60 | 109.22 | 111.76 | 114.30 | 127.00 | 134.62 |
| 1.00 | 14 | 22.64 | 14 | 22.64 | 40.64 | 53.34 | 66.04 | 78.74 | 91.44 | 104.14 | 111.76 | 114.30 | 116.84 | 129.54 | 137.16 |
| 1.00 | 12 | 19.40 | 12 | 19.40 | 45.72 | 58.42 | 71.12 | 83.82 | 96.52 | 109.22 | 116.84 | 119.38 | 121.92 | 134.62 | 142.24 |
| 1.00 | 11 | 17.79 | 11 | 17.79 | 48.26⑤ | 60.96⑤ | 73.66⑤ | 86.36⑤ | 99.06⑤ | 111.76⑤ | 119.38⑤ | 121.92⑤ | 124.46⑤ | 137.16⑤ | 144.78⑤ |
| 1.00 | 10 | 16.17 | 10 | 16.17 | 50.80⑤ | 63.50⑤ | 76.20⑤ | 88.90⑤ | 101.60⑤ | 114.30⑤ | 121.92⑤ | 124.46⑤ | 127.00⑤ | 139.70⑤ | 147.32⑤ |
| 1.04 | 25 | 40.43 | 26 | 42.04 | — | — | — | — | 62.22 | 74.93 | 82.55 | 85.09 | 87.63 | 100.33 | 107.95 |
| 1.04 | 24 | 38.81 | 25 | 40.43 | — | — | — | 52.06 | 64.76 | 77.47 | 85.09 | 87.63 | 90.17 | 102.87 | 110.49 |
| 1.05 | 21 | 33.96 | 22 | 35.57 | — | — | 46.98 | 59.68 | 72.39 | 85.09 | 92.71 | 95.25 | 97.79 | 110.49 | 118.11 |
| 1.05 | 20 | 32.34 | 21 | 33.96 | — | — | 49.52 | 62.22 | 74.93 | 87.63 | 95.25 | 97.79 | 100.33 | 113.03 | 120.65 |
| 1.05 | 19 | 30.72 | 20 | 32.34 | — | — | 52.06 | 64.76 | 77.47 | 90.17 | 97.79 | 100.33 | 102.87 | 115.57 | 123.19 |
| 1.06 | 18 | 29.11 | 19 | 30.72 | — | 41.90 | 54.60 | 67.31 | 80.01 | 92.71 | 100.33 | 102.87 | 105.41 | 118.11 | 125.73 |
| 1.07 | 30 | 48.51 | 32 | 51.74 | — | — | — | — | — | 60.94 | 68.56 | 71.10 | 73.64 | 86.34 | 93.97 |
| 1.07 | 28 | 45.28 | 30 | 48.51 | — | — | — | — | — | 66.02 | 73.64 | 76.18 | 78.72 | 91.43 | 99.05 |
| 1.07 | 15 | 24.26 | 16 | 25.87 | 36.82 | 49.52 | 62.22 | 74.93 | 87.63 | 100.33 | 107.95 | 110.49 | 113.03 | 125.73 | 133.35 |
| 1.07 | 14 | 22.64 | 15 | 24.26 | 39.36 | 52.06 | 64.76 | 77.47 | 90.17 | 102.87 | 110.49 | 113.03 | 115.57 | 128.27 | 135.89 |
| 1.08 | 26 | 42.04 | 28 | 45.28 | — | — | — | — | 58.40 | 71.10 | 83.80 | 86.34 | 88.89 | 101.59 | 109.21 |
| 1.08 | 24 | 38.81 | 26 | 42.04 | — | — | — | 50.77 | 63.48 | 76.18 | 88.89 | 91.43 | 93.97 | 106.67 | 114.29 |
| 1.09 | 22 | 35.57 | 24 | 38.81 | — | — | — | 55.86 | 68.56 | 81.26 | 93.96 | 96.50 | 99.04 | 111.74 | 119.36 |
| 1.09 | 11 | 17.79 | 12 | 19.40 | 46.98⑤ | 59.68⑤ | 72.39⑤ | 85.09⑤ | 97.79⑤ | 110.49⑤ | 118.11⑤ | 120.65⑤ | 123.19⑤ | 135.89⑤ | 143.51⑤ |
| 1.10 | 20 | 32.34 | 22 | 35.57 | — | — | 48.23 | 60.94 | 73.64 | 86.34 | 93.97 | 96.51 | 99.05 | 111.75 | 119.37 |
| 1.10 | 10 | 16.17 | 11 | 17.79 | 49.52④ | 62.22④ | 74.93④ | 87.63④ | 100.33④ | 113.03④ | 120.65④ | 123.19④ | 125.73④ | 138.43④ | 146.05④ |
| 1.32 | 19 | 30.72 | 21 | 33.96 | — | — | 50.77 | 63.48 | 76.18 | 88.89 | 96.51 | 99.05 | 101.59 | 114.29 | 121.91 |
| 1.11 | 18 | 29.11 | 20 | 32.34 | — | — | 53.32 | 66.02 | 78.72 | 91.43 | 99.05 | 101.59 | 104.13 | 116.83 | 124.45 |
| 1.12 | 25 | 40.43 | 28 | 45.28 | — | — | — | — | 59.64 | 72.35 | 85.05 | 87.60 | 90.14 | 102.84 | 110.46 |
| 1.13 | 30 | 48.51 | 34 | 54.98 | — | — | — | — | — | — | 65.96 | 68.50 | 71.05 | 83.76 | 91.38 |
| 1.13 | 16 | 25.87 | 18 | 29.11 | — | 45.69 | 58.40 | 71.10 | 83.80 | 96.51 | 104.13 | 106.67 | 109.21 | 121.91 | 129.53 |
| 1.14 | 28 | 45.28 | 32 | 51.74 | — | — | — | — | — | 63.42 | 71.05 | 73.59 | 76.13 | 88.84 | 96.47 |
| 1.14 | 22 | 35.57 | 25 | 40.43 | — | — | — | 54.56 | 67.27 | 79.97 | 87.60 | 90.14 | 92.68 | 105.38 | 113.00 |
| 1.14 | 21 | 33.96 | 24 | 38.81 | — | — | — | 57.10 | 69.81 | 82.51 | 90.14 | 92.68 | 95.22 | 107.92 | 115.54 |
| 1.14 | 14 | 22.64 | 16 | 25.87 | 38.07 | 50.77 | 63.48 | 76.18 | 88.89 | 101.59 | 109.21 | 111.75 | 114.29 | 126.99 | 134.61 |
| 1.15 | 26 | 42.04 | 30 | 48.51 | — | — | — | — | 55.79 | 68.50 | 81.22 | 83.76 | 86.30 | 99.01 | 106.63 |
| 1.16 | 19 | 30.72 | 22 | 35.57 | — | — | 49.47 | 62.18 | 74.89 | 87.60 | 95.22 | 97.76 | 100.30 | 113.00 | 120.63 |
| 1.17 | 24 | 38.81 | 28 | 45.28 | — | — | — | — | 60.87 | 73.59 | 81.22 | 83.76 | 86.30 | 99.01 | 106.63 |
| 1.17 | 18 | 29.11 | 21 | 33.96 | — | — | 52.01 | 64.72 | 77.43 | 90.14 | 97.76 | 100.30 | 102.84 | 115.54 | 123.17 |
| 1.17 | 12 | 19.40 | 14 | 22.64 | 43.15⑤ | 55.86⑤ | 68.56⑤ | 81.26⑤ | 93.97⑤ | 106.67⑤ | 114.29⑤ | 116.83⑤ | 119.37⑤ | 132.07⑤ | 139.69⑤ |
| 1.18 | 22 | 35.57 | 26 | 42.04 | — | — | — | 53.24 | 65.96 | 78.67 | 86.30 | 88.84 | 91.38 | 104.09 | 111.71 |
| 1.19 | 21 | 33.96 | 25 | 40.43 | — | — | — | 55.79 | 68.50 | 81.22 | 88.84 | 91.38 | 93.92 | 106.63 | 114.25 |
| 1.19 | 16 | 25.87 | 19 | 30.72 | — | 44.38 | 57.10 | 69.81 | 82.51 | 95.22 | 102.84 | 105.38 | 107.92 | 120.63 | 128.25 |
| 1.20 | 30 | 48.51 | 36 | 58.21 | — | — | — | — | — | — | 65.86 | 68.41 | 71.05 | 83.76 | 91.38 |
| 1.20 | 25 | 40.43 | 30 | 48.51 | — | — | — | — | 57.01 | 69.73 | 77.36 | 79.91 | 82.45 | 95.16 | 102.79 |
| 1.20 | 20 | 32.34 | 24 | 38.81 | — | — | 45.61 | 58.33 | 71.05 | 83.76 | 91.38 | 93.92 | 96.47 | 109.17 | 116.80 |
| 1.20 | 15 | 24.26 | 18 | 29.11 | — | 46.93 | 59.64 | 72.35 | 85.06 | 97.76 | 105.38 | 107.92 | 110.46 | 123.17 | 130.79 |
| 1.20 | 10 | 16.17 | 12 | 19.40 | 48.23④ | 60.94④ | 73.64④ | 86.34④ | 99.05④ | 111.75④ | 119.37④ | 121.91④ | 124.45④ | 137.15④ | 144.77④ |
| 1.21 | 28 | 45.28 | 34 | 54.98 | — | — | — | — | — | 60.77 | 68.41 | 70.95 | 73.50 | 86.22 | 93.85 |
| 1.22 | 18 | 29.11 | 22 | 35.57 | — | — | 50.70 | 63.42 | 76.13 | 88.84 | 96.47 | 99.01 | 101.55 | 114.25 | 121.88 |
| 1.23 | 26 | 42.04 | 32 | 51.74 | — | — | — | — | — | 65.86 | 73.50 | 76.05 | 78.59 | 91.31 | 98.94 |
| 1.24 | 21 | 33.96 | 26 | 42.04 | — | — | — | 54.46 | 67.19 | 79.91 | 87.54 | 90.08 | 92.62 | 105.33 | 112.96 |
| 1.25 | 24 | 38.81 | 30 | 48.51 | — | — | — | — | 58.22 | 70.95 | 78.59 | 81.13 | 83.68 | 96.40 | 104.03 |
| 1.25 | 20 | 32.34 | 25 | 40.43 | — | — | — | 57.01 | 69.73 | 82.45 | 90.08 | 92.62 | 95.16 | 107.87 | 115.50 |
| 1.25 | 16 | 25.87 | 20 | 32.34 | — | 43.06 | 55.79 | 68.50 | 81.22 | 93.92 | 101.55 | 104.09 | 106.63 | 119.34 | 126.96 |
| 1.25 | 12 | 19.40 | 15 | 24.26 | 41.84⑤ | 54.56⑤ | 67.27⑤ | 79.97⑤ | 92.68⑤ | 105.38⑤ | 113.00⑤ | 115.54⑤ | 118.09⑤ | 130.79⑤ | 138.41⑤ |
| 1.26 | 19 | 30.72 | 24 | 38.81 | — | — | 46.82 | 59.55 | 72.28 | 84.99 | 92.62 | 95.16 | 97.71 | 110.42 | 118.04 |
| 1.27 | 30 | 48.51 | 38 | 61.45 | — | — | — | — | — | — | — | — | 65.72 | 78.47 | 86.12 |
| 1.27 | 22 | 35.57 | 28 | 45.28 | — | — | — | 50.57 | 63.31 | 76.05 | 83.68 | 86.22 | 88.77 | 101.48 | 109.11 |
| 1.27 | 15 | 24.26 | 19 | 30.72 | — | 45.61 | 58.33 | 71.05 | 83.76 | 96.47 | 104.09 | 106.63 | 109.17 | 121.88 | 129.50 |
| 1.27 | 11 | 17.79 | 14 | 22.64 | 44.38⑤ | 57.10⑤ | 69.81⑤ | 82.51⑤ | 95.22⑤ | 107.92⑤ | 115.54⑤ | 118.09⑤ | 120.63⑤ | 133.33⑤ | 140.95⑤ |
| 1.28 | 25 | 40.43 | 32 | 51.74 | — | — | — | — | — | 67.07 | 74.72 | 77.26 | 79.81 | 92.54 | 100.17 |
| 1.29 | 28 | 45.28 | 36 | 58.21 | — | — | — | — | — | — | 65.72 | 68.27 | 70.82 | 83.57 | 91.21 |
| 1.29 | 14 | 22.64 | 18 | 29.11 | — | 48.15 | 60.87 | 73.59 | 86.30 | 99.01 | 106.63 | 109.17 | 111.71 | 124.42 | 132.04 |

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 補正係数 (Km) | 6以上 | ⑤ | ④ | ③ | ② |
|---------------------|-----|-----|-----|-----|-----|
| | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm | | | | | | | | | | | | | | | 回転比 |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------|-----|
| 140XL 70歯 355.60 | 150XL 75歯 381.00 | 160XL 80歯 406.40 | 170XL 85歯 431.80 | 176XL 88歯 447.04 | 180XL 90歯 457.20 | 190XL 95歯 482.60 | 200XL 100歯 508.00 | 210XL 105歯 533.40 | 220XL 110歯 558.80 | 230XL 115歯 584.20 | 240XL 120歯 609.60 | 250XL 125歯 635.00 | 260XL 130歯 660.40 | | |
| 101.60 | 114.30 | 127.00 | 139.70 | 147.32 | 152.40 | 165.10 | 177.80 | 190.50 | 203.20 | 215.90 | 228.60 | 241.30 | 254.00 | 1.00 | |
| 106.68 | 119.38 | 132.08 | 144.78 | 152.40 | 157.48 | 170.18 | 182.88 | 195.58 | 208.28 | 220.98 | 233.68 | 246.38 | 259.08 | 1.00 | |
| 111.76 | 124.46 | 137.16 | 149.86 | 157.48 | 162.56 | 175.26 | 187.96 | 200.66 | 213.36 | 226.06 | 238.76 | 251.46 | 264.16 | 1.00 | |
| 114.30 | 127.00 | 139.70 | 152.40 | 160.02 | 165.10 | 177.80 | 190.50 | 203.20 | 215.90 | 228.60 | 241.30 | 254.00 | 266.70 | 1.00 | |
| 116.84 | 129.54 | 142.24 | 154.94 | 162.56 | 167.64 | 180.34 | 193.04 | 205.74 | 218.44 | 231.14 | 243.84 | 256.54 | 269.24 | 1.00 | |
| 121.92 | 134.62 | 147.32 | 160.02 | 167.64 | 172.72 | 185.42 | 198.12 | 210.82 | 223.52 | 236.22 | 248.92 | 261.62 | 274.32 | 1.00 | |
| 124.46 | 137.16 | 149.86 | 162.56 | 170.18 | 175.26 | 187.96 | 200.66 | 213.36 | 226.06 | 238.76 | 251.46 | 264.16 | 276.86 | 1.00 | |
| 127.00 | 139.70 | 152.40 | 165.10 | 172.72 | 177.80 | 190.50 | 203.20 | 215.90 | 228.60 | 241.30 | 254.00 | 266.70 | 279.40 | 1.00 | |
| 129.54 | 142.24 | 154.94 | 167.64 | 175.26 | 180.34 | 193.04 | 205.74 | 218.44 | 231.14 | 243.84 | 256.54 | 269.24 | 281.94 | 1.00 | |
| 132.08 | 144.78 | 157.48 | 170.18 | 177.80 | 182.88 | 195.58 | 208.28 | 220.98 | 233.68 | 246.38 | 259.08 | 271.78 | 284.48 | 1.00 | |
| 137.16 | 149.86 | 162.56 | 175.26 | 182.88 | 187.96 | 200.66 | 213.36 | 226.06 | 238.76 | 251.46 | 264.16 | 276.86 | 289.56 | 1.00 | |
| 139.70 | 152.40 | 165.10 | 177.80 | 185.42 | 190.50 | 203.20 | 215.90 | 228.60 | 241.30 | 254.00 | 266.70 | 279.40 | 292.10 | 1.00 | |
| 142.24 | 154.94 | 167.64 | 180.34 | 187.96 | 193.04 | 205.74 | 218.44 | 231.14 | 243.84 | 256.54 | 269.24 | 281.94 | 294.64 | 1.00 | |
| 147.32 | 160.02 | 172.72 | 185.42 | 193.04 | 198.12 | 210.82 | 223.52 | 236.22 | 248.92 | 261.62 | 274.32 | 287.02 | 299.72 | 1.00 | |
| 149.86⑤ | 162.56⑤ | 175.26⑤ | 187.96⑤ | 195.58⑤ | 200.66⑤ | 213.36⑤ | 226.06⑤ | 238.76⑤ | 251.46⑤ | 264.16⑤ | 276.86⑤ | 289.56⑤ | 302.26⑤ | 1.00 | |
| 152.40⑤ | 165.10⑤ | 177.80⑤ | 190.50⑤ | 198.12⑤ | 203.20⑤ | 215.90⑤ | 228.60⑤ | 241.30⑤ | 254.00⑤ | 266.70⑤ | 279.40⑤ | 292.10⑤ | 304.80⑤ | 1.00 | |
| 113.03 | 125.73 | 138.43 | 151.13 | 158.75 | 163.83 | 176.53 | 189.23 | 201.93 | 214.63 | 227.33 | 240.03 | 252.73 | 265.43 | 1.04 | |
| 115.57 | 128.27 | 140.97 | 153.67 | 161.29 | 166.37 | 179.07 | 191.77 | 204.47 | 217.17 | 229.87 | 242.57 | 255.27 | 267.97 | 1.04 | |
| 123.19 | 135.89 | 148.59 | 161.29 | 168.91 | 173.99 | 186.69 | 199.39 | 212.09 | 224.79 | 237.49 | 250.19 | 262.89 | 275.59 | 1.05 | |
| 125.73 | 138.43 | 151.13 | 163.83 | 171.45 | 176.53 | 189.23 | 201.93 | 214.63 | 227.33 | 240.03 | 252.73 | 265.43 | 278.13 | 1.05 | |
| 128.27 | 140.97 | 153.67 | 166.37 | 173.99 | 179.07 | 191.77 | 204.47 | 217.17 | 229.87 | 242.57 | 255.27 | 267.97 | 280.67 | 1.05 | |
| 130.81 | 143.51 | 156.21 | 168.91 | 176.53 | 181.61 | 194.31 | 207.01 | 219.71 | 232.41 | 245.11 | 257.81 | 270.51 | 283.21 | 1.06 | |
| 99.05 | 111.75 | 124.45 | 137.15 | 144.77 | 149.85 | 162.55 | 175.25 | 187.95 | 200.65 | 213.35 | 226.05 | 238.75 | 251.45 | 1.07 | |
| 104.13 | 116.83 | 129.53 | 142.23 | 149.85 | 154.93 | 167.63 | 180.33 | 193.03 | 205.73 | 218.43 | 231.13 | 243.83 | 256.53 | 1.07 | |
| 138.43 | 151.13 | 163.83 | 176.53 | 184.15 | 189.23 | 201.93 | 214.63 | 227.33 | 240.03 | 252.73 | 265.43 | 278.13 | 290.83 | 1.07 | |
| 140.97 | 153.67 | 166.37 | 179.07 | 186.69 | 191.77 | 204.47 | 217.17 | 229.87 | 242.57 | 255.27 | 267.97 | 280.67 | 293.37 | 1.07 | |
| 109.21 | 121.91 | 134.61 | 147.31 | 154.93 | 160.01 | 172.71 | 185.41 | 198.11 | 210.81 | 223.51 | 236.21 | 248.91 | 261.61 | 1.08 | |
| 114.29 | 126.99 | 139.69 | 152.39 | 160.01 | 165.09 | 177.79 | 190.49 | 203.19 | 215.89 | 228.59 | 241.29 | 253.99 | 266.69 | 1.08 | |
| 119.37 | 132.07 | 144.77 | 157.47 | 165.09 | 170.17 | 182.87 | 195.57 | 208.27 | 220.97 | 233.67 | 246.37 | 259.07 | 271.77 | 1.09 | |
| 148.59⑤ | 161.29⑤ | 173.99⑤ | 186.69⑤ | 194.31⑤ | 199.39⑤ | 212.09⑤ | 224.79⑤ | 237.49⑤ | 250.19⑤ | 262.89⑤ | 275.59⑤ | 288.29⑤ | 300.99⑤ | 1.09 | |
| 124.45 | 137.15 | 149.85 | 162.55 | 170.17 | 175.25 | 187.95 | 200.65 | 213.35 | 226.05 | 238.75 | 251.45 | 264.15 | 276.85 | 1.10 | |
| 151.13④ | 163.83④ | 176.53④ | 189.23④ | 196.85④ | 201.93④ | 214.63④ | 227.33④ | 240.03④ | 252.73④ | 265.43④ | 278.13④ | 290.83④ | 303.53④ | 1.10 | |
| 126.99 | 139.69 | 152.39 | 165.09 | 172.71 | 177.79 | 190.49 | 203.19 | 215.89 | 228.59 | 241.29 | 253.99 | 266.69 | 279.39 | 1.32 | |
| 129.53 | 142.23 | 154.93 | 167.63 | 175.25 | 180.33 | 193.03 | 205.73 | 218.43 | 231.13 | 243.83 | 256.53 | 269.23 | 281.93 | 1.11 | |
| 110.46 | 123.17 | 135.87 | 148.57 | 156.19 | 161.27 | 173.97 | 186.67 | 199.38 | 212.08 | 224.78 | 237.48 | 250.18 | 262.88 | 1.12 | |
| 96.47 | 109.17 | 121.88 | 134.58 | 142.20 | 147.28 | 159.99 | 172.69 | 185.39 | 198.09 | 210.80 | 223.50 | 236.20 | 248.90 | 1.13 | |
| 134.61 | 147.31 | 160.01 | 172.71 | 180.33 | 185.41 | 198.11 | 210.81 | 223.51 | 236.21 | 248.91 | 261.61 | 274.31 | 287.01 | 1.13 | |
| 101.55 | 114.25 | 126.96 | 139.66 | 147.28 | 152.37 | 165.07 | 177.77 | 190.47 | 203.17 | 215.88 | 228.58 | 241.28 | 253.98 | 1.14 | |
| 118.09 | 130.79 | 143.49 | 156.19 | 163.81 | 168.89 | 181.59 | 194.29 | 207.00 | 219.70 | 232.40 | 245.10 | 257.80 | 270.50 | 1.14 | |
| 120.63 | 133.33 | 146.03 | 158.73 | 166.35 | 171.43 | 184.13 | 196.84 | 209.54 | 222.24 | 234.94 | 247.64 | 260.34 | 273.04 | 1.14 | |
| 139.69 | 152.39 | 165.09 | 177.79 | 185.41 | 190.49 | 203.19 | 215.89 | 228.59 | 241.29 | 253.99 | 266.69 | 279.39 | 292.09 | 1.14 | |
| 106.63 | 119.34 | 132.04 | 144.74 | 152.37 | 157.45 | 170.15 | 182.85 | 195.55 | 208.25 | 220.96 | 233.66 | 246.36 | 259.06 | 1.15 | |
| 125.71 | 138.41 | 151.11 | 163.81 | 171.43 | 176.51 | 189.21 | 201.92 | 214.62 | 227.32 | 240.02 | 252.72 | 265.42 | 278.12 | 1.16 | |
| 111.71 | 124.42 | 137.12 | 149.83 | 157.45 | 162.53 | 175.23 | 187.93 | 200.63 | 213.34 | 226.04 | 238.74 | 251.44 | 264.14 | 1.17 | |
| 128.25 | 140.95 | 153.65 | 166.35 | 173.97 | 179.05 | 191.75 | 204.46 | 217.16 | 229.86 | 242.56 | 255.26 | 267.96 | 280.66 | 1.17 | |
| 144.77⑤ | 157.47⑤ | 170.17⑤ | 182.87⑤ | 190.49⑤ | 195.57⑤ | 208.27⑤ | 220.97⑤ | 233.67⑤ | 246.37⑤ | 259.07⑤ | 271.78⑤ | 284.48⑤ | 297.18⑤ | 1.17 | |
| 116.80 | 129.50 | 142.20 | 154.91 | 162.53 | 167.61 | 180.31 | 193.01 | 205.71 | 218.42 | 231.12 | 243.82 | 256.52 | 269.22 | 1.18 | |
| 119.34 | 132.04 | 144.74 | 157.45 | 165.07 | 170.15 | 182.85 | 195.55 | 208.25 | 220.96 | 233.66 | 246.36 | 259.06 | 271.76 | 1.19 | |
| 133.33 | 146.03 | 158.73 | 171.43 | 179.05 | 184.13 | 196.84 | 209.54 | 222.24 | 234.94 | 247.64 | 260.34 | 273.04 | 285.74 | 1.19 | |
| 93.85 | 106.57 | 119.28 | 131.99 | 139.62 | 144.70 | 157.41 | 170.11 | 182.82 | 195.52 | 208.22 | 220.93 | 233.63 | 246.33 | 1.20 | |
| 107.87 | 120.58 | 133.29 | 145.99 | 153.62 | 158.70 | 171.40 | 184.11 | 196.81 | 209.51 | 222.21 | 234.92 | 247.62 | 260.32 | 1.20 | |
| 121.88 | 134.58 | 147.28 | 159.99 | 167.61 | 172.69 | 185.39 | 198.09 | 210.80 | 223.50 | 236.20 | 248.90 | 261.60 | 274.30 | 1.20 | |
| 135.87 | 148.57 | 161.27 | 173.97 | 181.59 | 186.67 | 199.38 | 212.08 | 224.78 | 237.48 | 250.18 | 262.88 | 275.58 | 288.28 | 1.20 | |
| 149.85④ | 162.55④ | 175.25④ | 187.95④ | 195.57④ | 200.65④ | 213.35④ | 226.05④ | 238.75④ | 251.45④ | 264.15④ | 276.85④ | 289.55④ | 302.25④ | 1.20 | |
| 98.94 | 111.65 | 124.37 | 137.07 | 144.70 | 149.78 | 162.49 | 175.19 | 187.90 | 200.60 | 213.30 | 226.01 | 238.71 | 251.41 | 1.21 | |
| 126.96 | 139.66 | 152.37 | 165.07 | 172.69 | 177.77 | 190.47 | 203.17 | 215.88 | 228.58 | 241.28 | 253.98 | 266.68 | 279.38 | 1.22 | |
| 104.03 | 116.74 | 129.45 | 142.16 | 149.78 | 154.86 | 167.57 | 180.27 | 192.98 | 205.68 | 218.39 | 231.09 | 243.79 | 256.49 | 1.23 | |
| 118.04 | 130.75 | 143.45 | 156.16 | 163.78 | 168.86 | 181.56 | 194.27 | 206.97 | 219.67 | 232.37 | 245.08 | 257.78 | 270.48 | 1.24 | |
| 109.11 | 121.82 | 134.53 | 147.24 | 154.86 | 159.95 | 172.65 | 185.36 | 198.06 | 210.76 | 223.47 | 236.17 | 248.87 | 261.58 | 1.25 | |
| 120.58 | 133.29 | 145.99 | 158.70 | 166.32 | 171.40 | 184.11 | 196.81 | 209.51 | 222.21 | 234.92 | 247.62 | 260.32 | 273.02 | 1.25 | |
| 132.04 | 144.74 | 157.45 | 170.15 | 177.77 | 182.85 | 195.55 | 208.25 | 220.96 | 233.66 | 246.36 | 259.06 | 271.76 | 284.46 | 1.25 | |
| 143.49⑤ | 156.19⑤ | 168.89⑤ | 181.59⑤ | 189.21⑤ | 194.29⑤ | 207.00⑤ | 219.70⑤ | 232.40⑤ | 245.10⑤ | 257.80⑤ | 270.50⑤ | 283.20⑤ | 295.90⑤ | 1.25 | |
| 123.12 | 135.83 | 148.53 | 161.24 | 168.86 | 173.94 | 186.65 | 199.35 | 212.05 | 224.75 | 237.46 | 250.16 | 262.86 | 275.56 | 1.26 | |
| 91.21 | 103.94 | 116.66 | 129.38 | 137.01 | 142.09 | 154.80 | 167.52 | 180.22 | 192.93 | 205.64 | 218.34 | 231.05 | 243.75 | 1.27 | |
| 114.20 | 126.91 | 139.62 | 152.32 | 159.95 | 165.03 | 177.73 | 190.44 | 203.14 | 215.85 | 228.55 | 241.25 | 253.95 | 266.66 | 1.27 | |
| 134.58 | 147.28 | 159.99 | 172.69 | 180.31 | 185.39 | 198.09 | 210.80 | 223.50 | 236.20 | 248.90 | 261.60 | 274.30 | 287.00 | 1.27 | |
| 146.03⑤ | 158.73⑤ | 171.43⑤ | 184.13⑤ | 191.75⑤ | 196.84⑤ | 209.54⑤ | 222.24⑤ | 234.94⑤ | 247.64⑤ | 260.34⑤ | 273.04⑤ | 285.74⑤ | 298.44⑤ | 1.27 | |
| 105.26 | 117.97 | 130.69 | 143.40 | 151.02 | 156.11 | | | | | | | | | | |

Timing Belt Type G & Type U ■設計資料編

XL

1.30~1.68

設計表

下表軸間距離は、ベルトに許容張力を与えたときの理論値です。ベルト長さ、プーリ外径の許容誤差によって実際値はかわることがありますので、軸間距離には出来るだけ調節代、またはテンションプーリをつけてください。尚、軸間距離固定の場合は当社へご相談ください。

表19-② XL 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|------|--------|---------|------|---------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 60XL 30歯 152.40 | 70XL 35歯 177.80 | 80XL 40歯 203.20 | 90XL 45歯 228.60 | 100XL 50歯 254.00 | 110XL 55歯 279.40 | 116XL 58歯 294.64 | 118XL 59歯 299.72 | 120XL 60歯 304.80 | 130XL 65歯 330.20 | 136XL 68歯 345.44 |
| 1.30 | 20 | 32.34 | 26 | 42.04 | — | — | — | 55.67 | 68.41 | 81.13 | 88.77 | 91.31 | 93.85 | 106.57 | 114.20 |
| 1.31 | 26 | 42.04 | 34 | 54.98 | — | — | — | — | — | 63.17 | 70.82 | 73.37 | 75.92 | 88.66 | 96.30 |
| 1.31 | 16 | 25.87 | 21 | 33.96 | — | 41.71 | 54.46 | 67.19 | 79.91 | 92.62 | 100.25 | 102.79 | 105.33 | 118.04 | 125.66 |
| 1.32 | 19 | 30.72 | 25 | 40.43 | — | — | — | 58.22 | 70.95 | 83.68 | 91.31 | 93.85 | 96.40 | 109.11 | 116.74 |
| 1.33 | 30 | 48.51 | 40 | 64.68 | — | — | — | — | — | — | — | — | — | 75.77 | 83.43 |
| 1.33 | 24 | 38.81 | 32 | 51.74 | — | — | — | 42.69 | 55.50 | 68.27 | 75.92 | 78.47 | 81.02 | 93.76 | 101.39 |
| 1.33 | 21 | 33.96 | 28 | 45.28 | — | — | — | 51.76 | 64.52 | 77.26 | 84.90 | 87.45 | 89.99 | 102.71 | 110.34 |
| 1.33 | 18 | 29.11 | 24 | 38.81 | — | — | 48.01 | 60.77 | 73.50 | 86.22 | 93.85 | 96.40 | 98.94 | 111.65 | 119.28 |
| 1.33 | 15 | 24.26 | 20 | 32.34 | — | 44.27 | 57.01 | 69.73 | 82.45 | 95.16 | 102.79 | 105.33 | 107.87 | 120.58 | 128.21 |
| 1.33 | 12 | 19.40 | 16 | 25.87 | 40.51⑤ | 53.24⑤ | 65.96⑤ | 78.67⑤ | 91.38⑤ | 104.09⑤ | 111.71⑤ | 114.25⑤ | 116.80⑤ | 129.50⑤ | 137.12⑤ |
| 1.36 | 28 | 45.28 | 38 | 61.45 | — | — | — | — | — | — | 65.54 | 73.17 | 75.71 | 88.42 | 96.05 |
| 1.36 | 25 | 40.43 | 34 | 54.98 | — | — | — | — | — | 64.36 | 72.02 | 74.57 | 77.13 | 89.88 | 97.52 |
| 1.36 | 22 | 35.57 | 30 | 48.51 | — | — | — | — | 60.61 | 73.37 | 81.02 | 83.57 | 86.12 | 98.85 | 106.48 |
| 1.36 | 14 | 22.64 | 19 | 30.72 | — | 46.82 | 59.55 | 72.28 | 84.99 | 97.71 | 105.33 | 107.87 | 110.42 | 123.12 | 130.75 |
| 1.36 | 11 | 17.79 | 15 | 24.26 | 43.06⑤ | 55.79⑤ | 68.50⑤ | 81.22⑤ | 93.92⑤ | 106.63⑤ | 114.25⑤ | 116.80⑤ | 119.34⑤ | 132.04⑤ | 139.66⑤ |
| 1.37 | 19 | 30.72 | 26 | 42.04 | — | — | — | 56.87 | 69.62 | 82.36 | 89.99 | 92.54 | 95.08 | 107.80 | 115.43 |
| 1.38 | 26 | 42.04 | 36 | 58.21 | — | — | — | — | — | 60.42 | 68.10 | 70.66 | 73.21 | 85.98 | 93.63 |
| 1.38 | 16 | 25.87 | 22 | 35.57 | — | — | 53.12 | 65.86 | 78.59 | 91.31 | 98.94 | 101.48 | 104.03 | 116.74 | 124.37 |
| 1.39 | 18 | 29.11 | 25 | 40.43 | — | — | 46.65 | 59.42 | 72.17 | 84.90 | 92.54 | 95.08 | 97.63 | 110.34 | 117.97 |
| 1.40 | 30 | 48.51 | 42 | 67.91 | — | — | — | — | — | — | — | — | — | 73.02 | 80.70 |
| 1.40 | 20 | 32.34 | 28 | 45.28 | — | — | — | 52.94 | 65.72 | 78.47 | 86.12 | 88.66 | 91.21 | 103.94 | 111.57 |
| 1.40 | 15 | 24.26 | 21 | 33.96 | — | 42.91 | 55.67 | 68.41 | 81.13 | 93.85 | 101.48 | 104.03 | 106.57 | 119.28 | 126.91 |
| 1.40 | 14 | 16.17 | 14 | 22.64 | 45.61④ | 58.33④ | 71.05④ | 83.76④ | 96.47④ | 109.17④ | 116.80④ | 119.34④ | 121.88④ | 134.58④ | 142.20④ |
| 1.42 | 24 | 38.81 | 34 | 54.98 | — | — | — | — | — | 65.54 | 73.17 | 75.71 | 78.26 | 90.98 | 98.63 |
| 1.43 | 28 | 45.28 | 40 | 64.68 | — | — | — | — | — | — | — | — | 65.32 | 78.14 | 85.81 |
| 1.43 | 21 | 33.96 | 30 | 48.51 | — | — | — | — | 61.80 | 74.57 | 82.23 | 84.78 | 87.33 | 100.07 | 107.70 |
| 1.43 | 14 | 22.64 | 20 | 32.34 | — | 45.46 | 58.22 | 70.95 | 83.68 | 96.40 | 104.03 | 106.57 | 109.11 | 121.82 | 129.45 |
| 1.44 | 25 | 40.43 | 36 | 58.21 | — | — | — | — | — | 61.59 | 69.28 | 71.84 | 74.40 | 87.18 | 94.83 |
| 1.44 | 18 | 29.11 | 26 | 42.04 | — | — | — | 58.06 | 70.82 | 83.57 | 91.21 | 93.76 | 96.30 | 109.03 | 116.66 |
| 1.45 | 22 | 35.57 | 32 | 51.74 | — | — | — | — | 57.86 | 70.66 | 78.32 | 80.88 | 83.43 | 96.18 | 103.83 |
| 1.45 | 11 | 17.79 | 16 | 25.87 | 41.71⑤ | 54.46⑤ | 67.19⑤ | 79.91⑤ | 92.62⑤ | 105.33⑤ | 112.96⑤ | 115.50⑤ | 118.04⑤ | 130.75⑤ | 138.37⑤ |
| 1.46 | 26 | 42.04 | 38 | 61.45 | — | — | — | — | — | — | 65.32 | 72.95 | 75.50 | 88.21 | 95.84 |
| 1.47 | 30 | 48.51 | 44 | 71.15 | — | — | — | — | — | — | — | — | — | 70.21 | 77.92 |
| 1.47 | 19 | 30.72 | 28 | 45.28 | — | — | — | 54.12 | 66.91 | 79.68 | 87.33 | 89.88 | 92.42 | 105.16 | 112.80 |
| 1.47 | 15 | 24.26 | 22 | 35.57 | — | 41.52 | 54.32 | 67.07 | 79.81 | 92.54 | 100.17 | 102.71 | 105.26 | 117.97 | 125.60 |
| 1.50 | 28 | 45.28 | 42 | 67.91 | — | — | — | — | — | — | — | — | — | 75.35 | 83.05 |
| 1.50 | 24 | 38.81 | 36 | 58.21 | — | — | — | — | — | 62.75 | 70.45 | 73.02 | 75.58 | 88.37 | 96.03 |
| 1.50 | 20 | 32.34 | 30 | 48.51 | — | — | — | — | 62.98 | 75.77 | 83.43 | 85.98 | 88.53 | 101.28 | 108.92 |
| 1.50 | 16 | 25.87 | 24 | 38.81 | — | — | 50.38 | 63.17 | 75.92 | 88.66 | 96.30 | 98.85 | 101.39 | 114.12 | 121.75 |
| 1.50 | 14 | 22.64 | 21 | 33.96 | — | 44.09 | 56.87 | 69.62 | 82.36 | 95.08 | 102.71 | 105.26 | 107.80 | 120.52 | 128.15 |
| 1.50 | 12 | 19.40 | 18 | 29.11 | 37.79⑤ | 50.57⑤ | 63.31⑤ | 76.05⑤ | 88.77⑤ | 101.48⑤ | 109.11⑤ | 111.65⑤ | 114.20⑤ | 126.91⑤ | 134.53⑤ |
| 1.50 | 10 | 16.17 | 15 | 24.26 | 44.27④ | 57.01④ | 69.73④ | 82.45④ | 95.16④ | 107.87④ | 115.50④ | 118.04④ | 120.58④ | 133.29④ | 140.91④ |
| 1.52 | 25 | 40.43 | 38 | 61.45 | — | — | — | — | — | 66.48 | 74.13 | 76.68 | 79.23 | 91.94 | 99.59 |
| 1.52 | 21 | 33.96 | 32 | 51.74 | — | — | — | — | 59.02 | 71.84 | 79.51 | 82.07 | 84.62 | 97.38 | 105.03 |
| 1.54 | 26 | 42.04 | 40 | 64.68 | — | — | — | — | — | — | — | 65.06 | 67.63 | 80.48 | 88.17 |
| 1.55 | 22 | 35.57 | 34 | 54.98 | — | — | — | — | — | 67.89 | 75.58 | 78.14 | 80.70 | 93.48 | 101.13 |
| 1.56 | 18 | 29.11 | 28 | 45.28 | — | — | — | 55.29 | 68.10 | 80.88 | 88.53 | 91.08 | 93.63 | 106.37 | 114.01 |
| 1.56 | 16 | 25.87 | 25 | 40.43 | — | — | 48.99 | 61.80 | 74.57 | 87.33 | 94.97 | 97.52 | 100.07 | 112.80 | 120.43 |
| 1.57 | 28 | 45.28 | 44 | 71.15 | — | — | — | — | — | — | — | — | — | 72.51 | 80.24 |
| 1.57 | 14 | 22.64 | 22 | 35.57 | — | 42.69 | 55.50 | 68.27 | 81.02 | 93.76 | 101.39 | 103.94 | 106.48 | 119.20 | 126.84 |
| 1.58 | 24 | 38.81 | 38 | 61.45 | — | — | — | — | — | 67.63 | 75.32 | 77.87 | 80.42 | 93.19 | 100.84 |
| 1.58 | 19 | 30.72 | 30 | 48.51 | — | — | — | 51.30 | 64.15 | 76.96 | 84.62 | 87.18 | 89.73 | 102.48 | 110.13 |
| 1.58 | 12 | 19.40 | 19 | 30.72 | 36.39⑤ | 49.20⑤ | 61.97⑤ | 74.72⑤ | 87.45⑤ | 100.17⑤ | 107.80⑤ | 110.34⑤ | 112.89⑤ | 125.60⑤ | 133.23⑤ |
| 1.60 | 30 | 48.51 | 48 | 77.62 | — | — | — | — | — | — | — | — | — | — | — |
| 1.60 | 25 | 40.43 | 40 | 64.68 | — | — | — | — | — | — | 63.61 | 66.20 | 68.78 | 81.65 | 89.35 |
| 1.60 | 20 | 32.34 | 32 | 51.74 | — | — | — | — | 60.18 | 73.02 | 80.70 | 83.25 | 85.81 | 98.58 | 106.24 |
| 1.60 | 15 | 24.26 | 24 | 38.81 | — | — | 51.56 | 64.36 | 77.13 | 89.88 | 97.52 | 100.07 | 102.61 | 115.34 | 122.97 |
| 1.60 | 10 | 16.17 | 16 | 25.87 | 42.91④ | 55.67④ | 68.41④ | 81.13④ | 93.85④ | 106.57④ | 114.20④ | 116.74④ | 119.28④ | 131.99④ | 139.62④ |
| 1.62 | 26 | 42.04 | 42 | 67.91 | — | — | — | — | — | — | — | — | — | 77.66 | 85.38 |
| 1.62 | 21 | 33.96 | 34 | 54.98 | — | — | — | — | 56.17 | 69.05 | 76.75 | 79.31 | 81.88 | 94.67 | 102.33 |
| 1.63 | 16 | 25.87 | 26 | 42.04 | — | — | 47.57 | 60.42 | 73.21 | 85.98 | 93.63 | 96.18 | 98.73 | 111.47 | 119.11 |
| 1.64 | 22 | 35.57 | 36 | 58.21 | — | — | — | — | — | 65.06 | 72.78 | 75.35 | 77.92 | 90.73 | 98.41 |
| 1.64 | 11 | 17.79 | 18 | 29.11 | 38.96⑤ | 51.76⑤ | 64.52⑤ | 77.26⑤ | 89.99⑤ | 102.71⑤ | 110.34⑤ | 112.89⑤ | 115.43⑤ | 128.15⑤ | 135.77⑤ |
| 1.67 | 30 | 48.51 | 50 | 80.85 | — | — | — | — | — | — | — | — | — | — | — |
| 1.67 | 24 | 38.81 | 40 | 64.68 | — | — | — | — | — | — | 64.75 | 67.34 | 69.92 | 82.81 | 90.52 |
| 1.67 | 18 | 29.11 | 30 | 48.51 | — | — | — | 52.44 | 65.32 | 78.14 | 85.81 | 88.37 | 90.92 | 103.69 | 111.34 |
| 1.67 | 15 | 24.26 | 25 | 40.43 | — | — | 50.15 | 62.98 | 75.77 | 88.53 | 96.18 | 98.73 | 101.28 | 114.01 | 121.65 |
| 1.67 | 12 | 19.40 | 20 | 32.34 | — | 47.82⑤ | 60.61⑤ | 73.37⑤ | 86.12⑤ | 98.85⑤ | 106.48⑤ | 109.03⑤ | 111.57⑤ | 124.29⑤ | 131.92⑤ |
| 1.68 | 25 | 40.43 | 42 | 67.91 | — | — | — | — | — | — | — | — | — | 65.88 | 73.53 |
| 1.68 | 19 | 30.72 | 32 | 51.74 | — | — | — | — | 61.33 | 74.19 | 81.88 | 84.44 | 87.00 | 99.78 | 107.44 |

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 補正係数 (Km) | 6以上 | ⑤ | ④ | ③ | ② |
|---------------------|-----|-----|-----|-----|-----|
| | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm | | | | | | | | | | | | | | 回 転 比 |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------|
| 140XL 70歯 355.60 | 150XL 75歯 381.00 | 160XL 80歯 406.40 | 170XL 85歯 431.80 | 176XL 88歯 447.04 | 180XL 90歯 457.20 | 190XL 95歯 482.60 | 200XL 100歯 508.00 | 210XL 105歯 533.40 | 220XL 110歯 558.80 | 230XL 115歯 584.20 | 240XL 120歯 609.60 | 250XL 125歯 635.00 | 260XL 130歯 660.40 | |
| 119.28 | 131.99 | 144.70 | 157.41 | 165.03 | 170.11 | 182.82 | 195.52 | 208.22 | 220.93 | 233.63 | 246.33 | 259.03 | 271.74 | 1.30 |
| 101.39 | 114.12 | 126.84 | 139.55 | 147.18 | 152.26 | 164.97 | 177.68 | 190.39 | 203.10 | 215.80 | 228.51 | 241.21 | 253.92 | 1.31 |
| 130.75 | 143.45 | 156.16 | 168.86 | 176.48 | 181.56 | 194.27 | 206.97 | 219.67 | 232.37 | 245.08 | 257.78 | 270.48 | 283.18 | 1.31 |
| 121.82 | 134.53 | 147.24 | 159.95 | 167.57 | 172.65 | 185.36 | 198.06 | 210.76 | 223.47 | 236.17 | 248.87 | 261.58 | 274.28 | 1.32 |
| 88.53 | 101.28 | 114.01 | 126.74 | 134.38 | 139.47 | 152.19 | 164.90 | 177.62 | 190.33 | 203.04 | 215.75 | 228.46 | 241.16 | 1.33 |
| 106.48 | 119.20 | 131.92 | 144.64 | 152.26 | 157.35 | 170.06 | 182.77 | 195.47 | 208.18 | 220.89 | 233.59 | 246.30 | 259.00 | 1.33 |
| 115.43 | 128.15 | 140.86 | 153.57 | 161.19 | 166.27 | 178.98 | 191.69 | 204.39 | 217.10 | 229.80 | 242.50 | 255.21 | 267.91 | 1.33 |
| 124.37 | 137.07 | 149.78 | 162.49 | 170.11 | 175.19 | 187.90 | 200.60 | 213.30 | 226.01 | 238.71 | 251.41 | 264.12 | 276.82 | 1.33 |
| 133.29 | 145.99 | 158.70 | 171.40 | 179.02 | 184.11 | 196.81 | 209.51 | 222.21 | 234.92 | 247.62 | 260.32 | 273.02 | 285.72 | 1.33 |
| 142.20⑤ | 154.91⑤ | 167.61⑤ | 180.31⑤ | 187.93⑤ | 193.01⑤ | 205.71⑤ | 218.42⑤ | 231.12⑤ | 243.82⑤ | 256.52⑤ | 269.22⑤ | 281.92⑤ | 294.62⑤ | 1.33 |
| 93.63 | 106.37 | 119.11 | 131.83 | 139.47 | 144.55 | 157.27 | 169.99 | 182.70 | 195.41 | 208.12 | 220.83 | 233.54 | 246.25 | 1.36 |
| 102.61 | 115.34 | 128.06 | 140.78 | 148.41 | 153.50 | 166.21 | 178.92 | 191.63 | 204.34 | 217.05 | 229.75 | 242.46 | 255.17 | 1.36 |
| 111.57 | 124.29 | 137.01 | 149.72 | 157.35 | 162.43 | 175.14 | 187.85 | 200.56 | 213.26 | 225.97 | 238.67 | 251.38 | 264.08 | 1.36 |
| 135.83 | 148.53 | 161.24 | 173.94 | 181.56 | 186.65 | 199.35 | 212.05 | 224.75 | 237.46 | 250.16 | 262.86 | 275.56 | 288.26 | 1.36 |
| 144.74⑤ | 157.45⑤ | 170.15⑤ | 182.85⑤ | 190.47⑤ | 195.55⑤ | 208.25⑤ | 220.96⑤ | 233.66⑤ | 246.36⑤ | 259.06⑤ | 271.76⑤ | 284.46⑤ | 297.16⑤ | 1.36 |
| 120.52 | 133.23 | 145.94 | 158.65 | 166.27 | 171.36 | 184.06 | 196.77 | 209.47 | 222.18 | 234.88 | 247.59 | 260.29 | 272.99 | 1.37 |
| 98.73 | 111.47 | 124.20 | 136.92 | 144.55 | 149.64 | 162.36 | 175.07 | 187.79 | 200.50 | 213.21 | 225.92 | 238.62 | 251.33 | 1.38 |
| 129.45 | 142.16 | 154.86 | 167.57 | 175.19 | 180.27 | 192.98 | 205.68 | 218.39 | 231.09 | 243.79 | 256.49 | 269.20 | 281.90 | 1.38 |
| 123.06 | 135.77 | 148.48 | 161.19 | 168.82 | 173.90 | 186.60 | 199.31 | 212.01 | 224.72 | 237.42 | 250.13 | 262.83 | 275.53 | 1.39 |
| 85.81 | 98.58 | 111.34 | 124.08 | 131.72 | 136.82 | 149.55 | 162.27 | 174.99 | 187.71 | 200.43 | 213.14 | 225.85 | 238.56 | 1.40 |
| 116.66 | 129.38 | 142.09 | 154.80 | 162.43 | 167.52 | 180.22 | 192.93 | 205.64 | 218.34 | 231.05 | 243.75 | 256.46 | 269.16 | 1.40 |
| 131.99 | 144.70 | 157.41 | 170.11 | 177.73 | 182.82 | 195.52 | 208.22 | 220.93 | 233.63 | 246.33 | 259.03 | 271.74 | 284.44 | 1.40 |
| 147.28④ | 159.99④ | 172.69④ | 185.39④ | 193.01④ | 198.09④ | 210.80④ | 223.50④ | 236.20④ | 248.90④ | 261.60④ | 274.30④ | 287.00④ | 299.70④ | 1.40 |
| 103.83 | 116.56 | 129.29 | 142.01 | 149.64 | 154.73 | 167.44 | 180.16 | 192.87 | 205.58 | 218.29 | 231.00 | 243.71 | 256.41 | 1.42 |
| 90.92 | 103.69 | 116.44 | 129.18 | 136.82 | 141.91 | 154.64 | 167.36 | 180.08 | 192.80 | 205.51 | 218.22 | 230.94 | 243.65 | 1.43 |
| 112.80 | 125.52 | 138.24 | 150.95 | 158.58 | 163.67 | 176.38 | 189.09 | 201.80 | 214.51 | 227.21 | 239.92 | 252.63 | 265.33 | 1.43 |
| 134.53 | 147.24 | 159.95 | 172.65 | 180.27 | 185.36 | 198.06 | 210.76 | 223.47 | 236.17 | 248.87 | 261.58 | 274.28 | 286.98 | 1.43 |
| 99.93 | 112.68 | 125.41 | 138.14 | 145.78 | 150.87 | 163.59 | 176.31 | 189.02 | 201.73 | 214.45 | 227.16 | 239.87 | 252.57 | 1.44 |
| 121.75 | 134.46 | 147.18 | 159.89 | 167.52 | 172.60 | 185.31 | 198.01 | 210.72 | 223.43 | 236.13 | 248.84 | 261.54 | 274.24 | 1.44 |
| 108.92 | 121.65 | 134.38 | 147.10 | 154.73 | 159.82 | 172.53 | 185.24 | 197.95 | 210.66 | 223.37 | 236.08 | 248.79 | 261.50 | 1.45 |
| 143.45⑤ | 156.16⑤ | 168.86⑤ | 181.56⑤ | 189.19⑤ | 194.27⑤ | 206.97⑤ | 219.67⑤ | 232.37⑤ | 245.08⑤ | 257.78⑤ | 270.48⑤ | 283.18⑤ | 295.88⑤ | 1.45 |
| 96.03 | 108.79 | 121.53 | 134.27 | 141.91 | 147.00 | 159.73 | 172.45 | 185.17 | 197.88 | 210.60 | 223.31 | 236.02 | 248.73 | 1.46 |
| 83.05 | 95.85 | 108.63 | 121.39 | 129.04 | 134.14 | 146.88 | 159.62 | 172.35 | 185.07 | 197.80 | 210.52 | 223.23 | 235.95 | 1.47 |
| 117.89 | 130.61 | 143.33 | 156.04 | 163.67 | 168.75 | 181.46 | 194.17 | 206.88 | 219.59 | 232.30 | 245.00 | 257.71 | 270.41 | 1.47 |
| 130.69 | 143.40 | 156.11 | 168.82 | 176.44 | 181.52 | 194.23 | 206.93 | 219.64 | 232.34 | 245.04 | 257.75 | 270.45 | 283.15 | 1.47 |
| 88.17 | 100.97 | 113.74 | 126.49 | 134.14 | 139.24 | 151.98 | 164.71 | 177.44 | 190.16 | 202.88 | 215.60 | 228.32 | 241.03 | 1.50 |
| 101.13 | 113.89 | 126.63 | 139.36 | 147.00 | 152.09 | 164.81 | 177.53 | 190.25 | 202.97 | 215.68 | 228.39 | 241.10 | 253.81 | 1.50 |
| 114.01 | 126.74 | 139.47 | 152.19 | 159.82 | 164.90 | 177.62 | 190.33 | 203.04 | 215.75 | 228.46 | 241.16 | 253.87 | 266.58 | 1.50 |
| 126.84 | 139.55 | 152.26 | 164.97 | 172.60 | 177.68 | 190.39 | 203.10 | 215.80 | 228.51 | 241.21 | 253.92 | 266.62 | 279.33 | 1.50 |
| 133.23 | 145.94 | 158.65 | 171.36 | 178.98 | 184.06 | 196.77 | 209.47 | 222.18 | 234.88 | 247.59 | 260.29 | 272.99 | 285.69 | 1.50 |
| 139.62⑤ | 152.32⑤ | 165.03⑤ | 177.73⑤ | 185.36⑤ | 190.44⑤ | 203.14⑤ | 215.85⑤ | 228.55⑤ | 241.25⑤ | 253.95⑤ | 266.66⑤ | 279.36⑤ | 292.06⑤ | 1.50 |
| 145.99④ | 158.70④ | 171.40④ | 184.11④ | 191.73④ | 196.81④ | 209.51④ | 222.21④ | 234.92④ | 247.62④ | 260.32④ | 273.02④ | 285.72④ | 298.42④ | 1.50 |
| 97.22 | 109.99 | 122.74 | 135.48 | 143.12 | 148.22 | 160.95 | 173.67 | 186.39 | 199.11 | 211.83 | 224.54 | 237.26 | 249.97 | 1.52 |
| 110.13 | 122.87 | 135.60 | 148.32 | 155.96 | 161.04 | 173.76 | 186.48 | 199.19 | 211.90 | 224.61 | 237.32 | 250.03 | 262.74 | 1.52 |
| 93.29 | 106.08 | 118.84 | 131.59 | 139.24 | 144.34 | 157.07 | 169.80 | 182.53 | 195.25 | 207.97 | 220.69 | 233.41 | 246.12 | 1.54 |
| 106.24 | 118.98 | 131.72 | 144.45 | 152.09 | 157.18 | 169.90 | 182.62 | 195.34 | 208.05 | 220.77 | 233.48 | 246.19 | 258.90 | 1.55 |
| 119.11 | 131.83 | 144.55 | 157.27 | 164.90 | 169.99 | 182.70 | 195.41 | 208.12 | 220.83 | 233.54 | 246.25 | 258.95 | 271.66 | 1.56 |
| 125.52 | 138.24 | 150.95 | 163.67 | 171.30 | 176.38 | 189.09 | 201.80 | 214.51 | 227.21 | 239.92 | 252.63 | 265.33 | 278.03 | 1.56 |
| 85.38 | 98.21 | 111.01 | 123.78 | 131.44 | 136.55 | 149.30 | 162.04 | 174.78 | 187.51 | 200.24 | 212.97 | 225.69 | 238.41 | 1.57 |
| 131.92 | 144.64 | 157.35 | 170.06 | 177.68 | 182.77 | 195.47 | 208.18 | 220.89 | 233.59 | 246.30 | 259.00 | 271.70 | 284.41 | 1.57 |
| 98.41 | 111.18 | 123.94 | 136.69 | 144.34 | 149.43 | 162.16 | 174.89 | 187.62 | 200.34 | 213.06 | 225.78 | 238.49 | 251.20 | 1.58 |
| 115.23 | 127.96 | 140.69 | 153.41 | 161.04 | 166.13 | 178.85 | 191.56 | 204.28 | 216.99 | 229.70 | 242.41 | 255.11 | 267.82 | 1.58 |
| 138.31⑤ | 151.02⑤ | 163.73⑤ | 176.44⑤ | 184.06⑤ | 189.15⑤ | 201.85⑤ | 214.56⑤ | 227.26⑤ | 239.96⑤ | 252.67⑤ | 265.37⑤ | 278.07⑤ | 290.77⑤ | 1.58 |
| 77.37 | 90.27 | 103.11 | 115.93 | 123.60 | 128.72 | 141.49 | 154.25 | 167.01 | 179.75 | 192.49 | 205.22 | 217.95 | 230.68 | 1.60 |
| 94.47 | 107.26 | 120.04 | 132.80 | 140.45 | 145.54 | 158.29 | 171.02 | 183.75 | 196.48 | 209.20 | 221.92 | 234.64 | 247.35 | 1.60 |
| 111.34 | 124.08 | 136.82 | 149.55 | 157.18 | 162.27 | 174.99 | 187.71 | 200.43 | 213.14 | 225.85 | 238.56 | 251.27 | 263.98 | 1.60 |
| 128.06 | 140.78 | 153.50 | 166.21 | 173.84 | 178.92 | 191.63 | 204.34 | 217.05 | 229.75 | 242.46 | 255.17 | 267.87 | 280.58 | 1.60 |
| 144.70④ | 157.41④ | 170.11④ | 182.82④ | 190.44④ | 195.52④ | 208.22④ | 220.93④ | 233.63④ | 246.33④ | 259.03④ | 271.74④ | 284.44④ | 297.14④ | 1 |

Timing Belt Type G & Type U ■設計資料編

XL

1.69~2.27

設計表

下表軸間距離は、ベルトに許容張力を与えたときの理論値です。ベルト長さ、プーリ外径の許容誤差によって実際値はかわることがありますので、軸間距離には出来るだけ調節代、またはテンションプーリをつけてください。尚、軸間距離固定の場合は当社へご相談ください。

表19-③ XL 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離mm | | | | | | | | | | | |
|------|--------|------------|------|------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 60XL 30歯 152.40 | 70XL 35歯 177.80 | 80XL 40歯 203.20 | 90XL 45歯 228.60 | 100XL 50歯 254.00 | 110XL 55歯 279.40 | 116XL 58歯 294.64 | 118XL 59歯 299.72 | 120XL 60歯 304.80 | 130XL 65歯 330.20 | 136XL 68歯 345.44 | |
| 1.69 | 26 | 42.04 | 44 | 71.15 | — | — | — | — | — | — | — | — | — | 74.78 | 82.54 | |
| 1.70 | 20 | 32.34 | 34 | 54.98 | — | — | — | — | 57.30 | 70.21 | 77.92 | 80.48 | 83.05 | 95.85 | 103.52 | |
| 1.71 | 28 | 45.28 | 48 | 77.62 | — | — | — | — | — | — | — | — | — | — | 74.44 | |
| 1.71 | 21 | 33.96 | 36 | 58.21 | — | — | — | — | — | 66.20 | 73.94 | 76.51 | 79.08 | 91.91 | 99.59 | |
| 1.71 | 14 | 22.64 | 24 | 38.81 | — | — | 52.72 | 65.54 | 78.32 | 91.08 | 98.73 | 101.28 | 103.83 | 116.56 | 124.20 | |
| 1.73 | 22 | 35.57 | 38 | 61.45 | — | — | — | — | — | 62.15 | 69.92 | 72.51 | 75.09 | 87.95 | 95.65 | |
| 1.73 | 15 | 24.26 | 26 | 42.04 | — | — | 48.72 | 61.59 | 74.40 | 87.18 | 94.83 | 97.38 | 99.93 | 112.68 | 120.32 | |
| 1.73 | 11 | 17.79 | 19 | 30.72 | 37.54④ | 50.38⑤ | 63.17⑤ | 75.92⑤ | 88.66⑤ | 101.39⑤ | 109.03⑤ | 111.57⑤ | 114.12⑤ | 126.84⑤ | 134.46⑤ | |
| 1.75 | 24 | 38.81 | 42 | 67.91 | — | — | — | — | — | — | — | 64.40 | 67.00 | 79.96 | 87.69 | |
| 1.75 | 16 | 25.87 | 28 | 45.28 | — | — | — | 57.60 | 70.45 | 83.25 | 90.92 | 93.48 | 96.03 | 108.79 | 116.44 | |
| 1.75 | 12 | 19.40 | 21 | 33.96 | — | 46.42⑤ | 59.24⑥ | 72.02⑤ | 84.78⑤ | 97.52⑤ | 105.16⑤ | 107.70⑤ | 110.25⑤ | 122.97⑤ | 130.61⑤ | |
| 1.76 | 25 | 40.43 | 44 | 71.15 | — | — | — | — | — | — | — | — | — | 75.92 | 83.68 | |
| 1.78 | 18 | 29.11 | 32 | 51.74 | — | — | — | — | 62.47 | 75.35 | 83.05 | 85.61 | 88.17 | 100.97 | 108.63 | |
| 1.79 | 28 | 45.28 | 50 | 80.85 | — | — | — | — | — | — | — | — | — | — | — | |
| 1.79 | 19 | 30.72 | 34 | 54.98 | — | — | — | — | 58.43 | 71.36 | 79.08 | 81.65 | 84.22 | 97.03 | 104.71 | |
| 1.79 | 14 | 22.64 | 25 | 40.43 | — | — | 51.30 | 64.15 | 76.96 | 89.73 | 97.38 | 99.93 | 102.48 | 115.23 | 122.87 | |
| 1.80 | 20 | 32.34 | 36 | 58.21 | — | — | — | — | — | 67.34 | 75.09 | 77.66 | 80.24 | 93.08 | 100.77 | |
| 1.80 | 10 | 16.17 | 18 | 29.11 | 40.12④ | 52.94④ | 65.72④ | 78.47④ | 91.21④ | 103.94④ | 111.57④ | 114.12④ | 116.66④ | 129.38④ | 137.01④ | |
| 1.81 | 21 | 33.96 | 38 | 61.45 | — | — | — | — | — | 63.28 | 71.06 | 73.65 | 76.23 | 89.11 | 96.81 | |
| 1.82 | 22 | 35.57 | 40 | 64.68 | — | — | — | — | — | — | 67.00 | 69.60 | 72.19 | 85.12 | 92.84 | |
| 1.82 | 11 | 17.79 | 20 | 32.34 | 36.10④ | 48.99④ | 61.80⑤ | 74.57⑤ | 87.33⑤ | 100.07⑤ | 107.70⑤ | 110.25⑤ | 112.80⑤ | 125.52⑤ | 133.15⑤ | |
| 1.83 | 24 | 38.81 | 44 | 71.15 | — | — | — | — | — | — | — | — | — | 77.04 | 84.82 | |
| 1.83 | 12 | 19.40 | 22 | 35.57 | — | 44.99⑤ | 57.86⑤ | 70.66⑤ | 83.43⑤ | 96.18⑤ | 103.83⑤ | 106.37⑤ | 108.92⑤ | 121.65⑤ | 129.29⑤ | |
| 1.85 | 26 | 42.04 | 48 | 77.62 | — | — | — | — | — | — | — | — | — | — | 76.68 | |
| 1.86 | 14 | 22.64 | 26 | 42.04 | — | — | 49.86 | 62.75 | 75.58 | 88.37 | 96.03 | 98.58 | 101.13 | 113.89 | 121.53 | |
| 1.87 | 15 | 24.26 | 28 | 45.28 | — | — | 45.78 | 58.75 | 71.62 | 84.44 | 92.11 | 94.67 | 97.22 | 109.99 | 117.64 | |
| 1.88 | 16 | 25.87 | 30 | 48.51 | — | — | — | 54.71 | 67.63 | 80.48 | 88.17 | 90.73 | 93.29 | 106.08 | 113.74 | |
| 1.89 | 19 | 30.72 | 36 | 58.21 | — | — | — | — | 55.45 | 68.47 | 76.23 | 78.81 | 81.39 | 94.25 | 101.94 | |
| 1.89 | 18 | 29.11 | 34 | 54.98 | — | — | — | — | 59.56 | 72.51 | 80.24 | 82.81 | 85.38 | 98.21 | 105.89 | |
| 1.90 | 21 | 33.96 | 40 | 64.68 | — | — | — | — | — | 60.27 | 68.12 | 70.72 | 73.32 | 86.26 | 93.99 | |
| 1.90 | 20 | 32.34 | 38 | 61.45 | — | — | — | — | — | 64.40 | 72.19 | 74.78 | 77.37 | 90.27 | 97.98 | |
| 1.90 | 10 | 16.17 | 19 | 30.72 | 38.69④ | 51.56④ | 64.36④ | 77.13④ | 89.88④ | 102.61④ | 110.25④ | 112.80④ | 115.34④ | 128.06④ | 135.69④ | |
| 1.91 | 22 | 35.57 | 42 | 67.91 | — | — | — | — | — | — | 64.00 | 66.62 | 69.23 | 82.23 | 89.99 | |
| 1.91 | 11 | 17.79 | 21 | 33.96 | — | 47.57④ | 60.42⑤ | 73.21⑤ | 85.98⑤ | 98.73⑤ | 106.37⑤ | 108.92⑤ | 111.47⑤ | 124.20⑤ | 131.83⑤ | |
| 1.92 | 26 | 42.04 | 50 | 80.85 | — | — | — | — | — | — | — | — | — | — | 73.64 | |
| 1.92 | 25 | 40.43 | 48 | 77.62 | — | — | — | — | — | — | — | — | — | 69.92 | 77.79 | |
| 2.00 | 30 | 48.51 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | — | |
| 2.00 | 25 | 40.43 | 50 | 80.85 | — | — | — | — | — | — | — | — | — | — | 74.74 | |
| 2.00 | 24 | 38.81 | 48 | 77.62 | — | — | — | — | — | — | — | — | — | 71.01 | 78.89 | |
| 2.00 | 22 | 35.57 | 44 | 71.15 | — | — | — | — | — | — | 63.55 | 66.19 | 68.83 | 81.57 | 89.31 | |
| 2.00 | 21 | 33.96 | 42 | 67.91 | — | — | — | — | — | — | 65.10 | 67.72 | 70.34 | 83.36 | 91.13 | |
| 2.00 | 20 | 32.34 | 40 | 64.68 | — | — | — | — | — | 61.37 | 69.23 | 71.84 | 74.44 | 87.40 | 95.15 | |
| 2.00 | 19 | 30.72 | 38 | 61.45 | — | — | — | — | — | 65.51 | 73.32 | 75.92 | 78.51 | 91.42 | 99.14 | |
| 2.00 | 18 | 29.11 | 36 | 58.21 | — | — | — | — | 56.55 | 69.60 | 77.37 | 79.96 | 82.54 | 95.41 | 103.11 | |
| 2.00 | 16 | 25.87 | 32 | 51.74 | — | — | — | 51.72 | 64.75 | 77.66 | 85.38 | 87.95 | 90.52 | 103.33 | 111.01 | |
| 2.00 | 15 | 24.26 | 30 | 48.51 | — | — | — | 55.83 | 68.78 | 81.65 | 89.35 | 91.91 | 94.47 | 107.26 | 114.93 | |
| 2.00 | 14 | 22.64 | 28 | 45.28 | — | — | 46.89⑤ | 59.89 | 72.78 | 85.61 | 93.29 | 95.85 | 98.41 | 111.18 | 118.84 | |
| 2.00 | 12 | 19.40 | 24 | 38.81 | — | 42.06⑤ | 55.02⑤ | 67.89⑤ | 80.70⑤ | 93.48⑤ | 101.13⑤ | 103.69⑤ | 106.24⑤ | 118.98⑤ | 126.63⑤ | |
| 2.00 | 11 | 17.79 | 22 | 35.57 | — | 46.13④ | 59.02④ | 71.84⑤ | 84.62⑤ | 97.38⑤ | 105.03⑤ | 107.58⑤ | 110.13⑤ | 122.87⑤ | 130.51⑤ | |
| 2.00 | 10 | 16.17 | 20 | 32.34 | 37.22④ | 50.15④ | 62.98④ | 75.77④ | 88.53④ | 101.28④ | 108.92④ | 111.47④ | 114.01④ | 126.74④ | 134.38④ | |
| 2.08 | 24 | 38.81 | 50 | 80.85 | — | — | — | — | — | — | — | — | — | — | 75.83 | |
| 2.08 | 12 | 19.40 | 25 | 40.43 | — | 40.55⑤ | 53.58⑤ | 66.48⑤ | 79.31⑤ | 92.11⑤ | 99.78⑤ | 102.33⑤ | 104.88⑤ | 117.64⑤ | 125.29⑤ | |
| 2.10 | 21 | 33.96 | 44 | 71.15 | — | — | — | — | — | — | — | 64.63 | 67.28 | 80.40 | 88.21 | |
| 2.10 | 20 | 32.34 | 42 | 67.91 | — | — | — | — | — | — | 66.19 | 68.82 | 71.45 | 84.49 | 92.27 | |
| 2.10 | 10 | 16.17 | 21 | 33.96 | 35.72④ | 48.72④ | 61.59④ | 74.40④ | 87.18④ | 99.93④ | 107.58④ | 110.13④ | 112.68④ | 125.41④ | 133.05④ | |
| 2.11 | 19 | 30.72 | 40 | 64.68 | — | — | — | — | — | 62.46 | 70.34 | 72.95 | 75.56 | 88.54 | 96.29 | |
| 2.11 | 18 | 29.11 | 38 | 61.45 | — | — | — | — | — | 66.62 | 74.44 | 77.04 | 79.64 | 92.57 | 100.30 | |
| 2.13 | 16 | 25.87 | 34 | 54.98 | — | — | — | — | 61.79 | 74.78 | 82.54 | 85.12 | 87.69 | 100.55 | 108.24 | |
| 2.13 | 15 | 24.26 | 32 | 51.74 | — | — | — | 52.82 | 65.88 | 78.81 | 86.54 | 89.11 | 91.68 | 104.51 | 112.19 | |
| 2.14 | 28 | 45.28 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | — | |
| 2.14 | 14 | 22.64 | 30 | 48.51 | — | — | — | 56.95⑤ | 69.92 | 82.81 | 90.52 | 93.08 | 95.65 | 108.45 | 116.12 | |
| 2.17 | 12 | 19.40 | 26 | 42.04 | — | — | 52.11⑥ | 65.06⑤ | 77.92⑤ | 90.73⑤ | 98.41⑤ | 100.97⑤ | 103.52⑤ | 116.29⑤ | 123.94⑤ | |
| 2.18 | 22 | 35.57 | 48 | 77.62 | — | — | — | — | — | — | — | — | — | 73.18 | 81.10 | |
| 2.18 | 11 | 17.79 | 24 | 38.81 | — | 43.17④ | 56.17④ | 69.05④ | 81.88⑤ | 94.67⑤ | 102.33⑤ | 104.88⑤ | 107.44⑤ | 120.19⑤ | 127.84⑤ | |
| 2.20 | 20 | 32.34 | 44 | 71.15 | — | — | — | — | — | — | 63.05 | 65.72 | 68.37 | 81.51 | 89.33 | |
| 2.20 | 10 | 16.17 | 22 | 35.57 | — | 47.26④ | 60.18④ | 73.02④ | 85.81④ | 98.58④ | 106.24④ | 108.79④ | 111.34④ | 124.08④ | 131.72④ | |
| 2.21 | 19 | 30.72 | 42 | 67.91 | — | — | — | — | — | — | 67.28 | 69.92 | 72.55 | 85.61 | 93.40 | |
| 2.22 | 18 | 29.11 | 40 | 64.68 | — | — | — | — | — | 63.55 | 71.45 | 74.06 | 76.68 | 89.68 | 97.44 | |
| 2.25 | 16 | 25.87 | 36 | 58.21 | — | — | — | — | 58.73 | 71.84 | 79.64 | 82.23 | 84.82 | 97.72 | 105.44 | |
| 2.27 | 22 | 35.57 | 50 | 80.85 | — | — | — | — | — | — | — | — | — | 70.00 | 77.99 | |

Timing Belt Type G & Type U ■設計資料編

XL

2.27~3.45

設計表

下表軸間距離は、ベルトに許容張力を与えたときの理論値です。ベルト長さ、プーリ外径の許容誤差によって実際値はかわることがありますので、軸間距離には出来るだけ調節代、またはテンションプーリをつけてください。尚、軸間距離固定の場合は当社へご相談ください。

表19-④ XL 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|------|--------|---------|------|---------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 60XL 30歯 152.40 | 70XL 35歯 177.80 | 80XL 40歯 203.20 | 90XL 45歯 228.60 | 100XL 50歯 254.00 | 110XL 55歯 279.40 | 116XL 58歯 294.64 | 118XL 59歯 299.72 | 120XL 60歯 304.80 | 130XL 65歯 330.20 | 136XL 68歯 345.44 |
| 2.27 | 15 | 24.26 | 34 | 54.98 | — | — | — | 49.70 | 62.89 | 75.92 | 83.68 | 86.26 | 88.84 | 101.71 | 109.41 |
| 2.27 | 11 | 17.79 | 25 | 40.43 | — | 41.64④ | 54.71④ | 67.63④ | 80.48⑤ | 93.29⑤ | 100.97⑤ | 103.52⑤ | 106.08⑤ | 118.84⑤ | 126.49⑤ |
| 2.29 | 21 | 33.96 | 48 | 77.62 | — | — | — | — | — | — | — | — | — | 74.26 | 82.19 |
| 2.29 | 14 | 22.64 | 32 | 51.74 | — | — | — | 53.92⑤ | 67.00 | 79.96 | 87.69 | 90.27 | 92.84 | 105.68 | 113.37 |
| 2.31 | 26 | 42.04 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | — |
| 2.32 | 19 | 30.72 | 44 | 71.15 | — | — | — | — | — | — | 64.12 | 66.79 | 69.45 | 82.62 | 90.45 |
| 2.33 | 18 | 29.11 | 42 | 67.91 | — | — | — | — | — | 60.38 | 68.37 | 71.01 | 73.64 | 86.73 | 94.53 |
| 2.33 | 12 | 19.40 | 28 | 45.28 | — | — | 49.10④ | 62.15⑤ | 75.09⑤ | 87.95⑤ | 95.65⑤ | 98.21⑤ | 100.77⑤ | 113.56⑤ | 121.23⑤ |
| 2.36 | 11 | 17.79 | 26 | 42.04 | — | 40.07④ | 53.23④ | 66.20④ | 79.08④ | 91.91⑤ | 99.59⑤ | 102.15⑤ | 104.71⑤ | 117.48⑤ | 125.14⑤ |
| 2.38 | 21 | 33.96 | 50 | 80.85 | — | — | — | — | — | — | — | — | — | 71.06 | 79.07 |
| 2.38 | 16 | 25.87 | 38 | 61.45 | — | — | — | — | 55.57 | 68.82 | 76.68 | 79.28 | 81.89 | 94.85 | 102.60 |
| 2.40 | 30 | 48.51 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 2.40 | 25 | 40.43 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | — |
| 2.40 | 20 | 32.34 | 48 | 77.62 | — | — | — | — | — | — | — | — | — | 75.34 | 83.28 |
| 2.40 | 15 | 24.26 | 36 | 58.21 | — | — | — | — | 59.82 | 72.95 | 80.77 | 83.36 | 85.95 | 98.87 | 106.60 |
| 2.40 | 10 | 16.17 | 24 | 38.81 | — | 44.27④ | 57.30④ | 70.21④ | 83.05④ | 95.85④ | 103.52④ | 106.08④ | 108.63④ | 121.39④ | 129.04④ |
| 2.43 | 14 | 22.64 | 34 | 54.98 | — | — | — | 50.76⑤ | 64.00⑤ | 77.04 | 84.82 | 87.40 | 89.99 | 102.87 | 110.58 |
| 2.44 | 18 | 29.11 | 44 | 71.15 | — | — | — | — | — | — | 65.19 | 67.86 | 70.53 | 83.72 | 91.57 |
| 2.50 | 24 | 38.81 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | — |
| 2.50 | 20 | 32.34 | 50 | 80.85 | — | — | — | — | — | — | — | — | — | 72.12 | 80.15 |
| 2.50 | 16 | 25.87 | 40 | 64.68 | — | — | — | — | — | 65.72 | 73.64 | 76.27 | 78.89 | 91.93 | 99.71 |
| 2.50 | 12 | 19.40 | 30 | 48.51 | — | — | 45.96④ | 59.17⑤ | 72.19⑤ | 85.12⑤ | 92.84⑤ | 95.41⑤ | 97.98⑤ | 110.80⑤ | 118.49⑤ |
| 2.50 | 10 | 16.17 | 25 | 40.43 | — | 42.73④ | 55.83④ | 68.78④ | 81.65④ | 94.47④ | 102.15④ | 104.71④ | 107.26④ | 120.04④ | 127.69④ |
| 2.53 | 19 | 30.72 | 48 | 77.62 | — | — | — | — | — | — | — | — | — | 76.41 | 84.37 |
| 2.53 | 15 | 24.26 | 38 | 61.45 | — | — | — | — | 56.64⑤ | 69.92 | 77.79 | 80.40 | 83.01 | 95.99 | 103.74 |
| 2.55 | 11 | 17.79 | 28 | 45.28 | — | — | 50.19④ | 63.28④ | 76.23④ | 89.11④ | 96.81⑤ | 99.38⑤ | 101.94⑤ | 114.75⑤ | 122.42⑤ |
| 2.57 | 28 | 45.28 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 2.57 | 14 | 22.64 | 36 | 58.21 | — | — | — | — | 60.90⑤ | 74.06⑤ | 81.89 | 84.49 | 87.08 | 100.02 | 107.75 |
| 2.60 | 10 | 16.17 | 26 | 42.04 | — | 41.15③ | 54.34④ | 67.34④ | 80.24④ | 93.08④ | 100.77④ | 103.33④ | 105.89④ | 118.67④ | 126.34④ |
| 2.63 | 19 | 30.72 | 50 | 80.85 | — | — | — | — | — | — | — | — | — | 73.18 | 81.22 |
| 2.63 | 16 | 25.87 | 42 | 67.91 | — | — | — | — | — | 62.51 | 70.53 | 73.18 | 75.83 | 88.96 | 96.78 |
| 2.67 | 18 | 29.11 | 48 | 77.62 | — | — | — | — | — | — | — | — | — | 63.98 | 71.48 |
| 2.67 | 15 | 24.26 | 40 | 64.68 | — | — | — | — | — | 66.79 | 74.74 | 77.37 | 79.99 | 93.05 | 100.84 |
| 2.67 | 12 | 19.40 | 32 | 51.74 | — | — | — | 56.09④ | 69.23⑤ | 82.23⑤ | 89.99⑤ | 92.57⑤ | 95.15⑤ | 108.01⑤ | 115.71⑤ |
| 2.71 | 14 | 22.64 | 38 | 61.45 | — | — | — | — | 57.70⑤ | 71.01⑤ | 78.89⑤ | 81.51⑤ | 84.12⑤ | 97.12 | 104.89 |
| 2.73 | 22 | 35.57 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | — |
| 2.73 | 11 | 17.79 | 30 | 48.51 | — | — | 47.02④ | 60.27④ | 73.32④ | 86.26④ | 93.99④ | 96.57④ | 99.14④ | 111.98⑤ | 119.66⑤ |
| 2.75 | 16 | 25.87 | 44 | 71.15 | — | — | — | — | — | 59.17 | 67.31 | 70.00 | 72.67 | 85.92 | 93.79 |
| 2.77 | 26 | 42.04 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 2.78 | 18 | 29.11 | 50 | 80.85 | — | — | — | — | — | — | — | — | — | 74.23 | 82.29 |
| 2.80 | 15 | 24.26 | 42 | 67.91 | — | — | — | — | — | 63.56⑤ | 71.60 | 74.26 | 76.91 | 90.06 | 97.90 |
| 2.80 | 10 | 16.17 | 28 | 45.28 | — | — | 51.27④ | 64.40④ | 77.37④ | 90.27④ | 97.98④ | 100.55④ | 103.11④ | 115.93④ | 123.60④ |
| 2.83 | 12 | 19.40 | 34 | 54.98 | — | — | — | 52.89④ | 66.19④ | 79.28⑤ | 87.08⑤ | 89.68⑤ | 92.27⑤ | 105.18⑤ | 112.90⑤ |
| 2.86 | 21 | 33.96 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | — |
| 2.86 | 14 | 22.64 | 40 | 64.68 | — | — | — | — | 54.36⑤ | 67.86⑤ | 75.83⑤ | 78.46⑤ | 81.10⑤ | 94.17 | 101.97 |
| 2.88 | 25 | 40.43 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 2.91 | 11 | 17.79 | 32 | 51.74 | — | — | — | 57.17④ | 70.34④ | 83.36④ | 91.13④ | 93.71④ | 96.29④ | 109.17④ | 116.88④ |
| 2.93 | 15 | 24.26 | 44 | 71.15 | — | — | — | — | — | 60.20⑤ | 68.37⑤ | 71.06⑤ | 73.74⑤ | 87.01 | 94.89 |
| 3.00 | 24 | 38.81 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 3.00 | 20 | 32.34 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | — |
| 3.00 | 16 | 25.87 | 48 | 77.62 | — | — | — | — | — | — | 63.29⑤ | 66.05 | 68.71 | 81.87 | 89.62 |
| 3.00 | 14 | 22.64 | 42 | 67.91 | — | — | — | — | — | 64.61⑤ | 72.67⑤ | 75.34⑤ | 77.99⑤ | 91.17⑤ | 99.01⑤ |
| 3.00 | 12 | 19.40 | 36 | 58.21 | — | — | — | 49.54④ | 63.05④ | 76.27⑤ | 84.12⑤ | 86.73⑤ | 89.33⑤ | 102.30⑤ | 110.05⑤ |
| 3.00 | 10 | 16.17 | 30 | 48.51 | — | — | 48.08③ | 61.37④ | 74.44④ | 87.40④ | 95.15④ | 97.72④ | 100.30④ | 113.14④ | 120.84④ |
| 3.09 | 11 | 17.79 | 34 | 54.98 | — | — | — | 53.94④ | 67.28④ | 80.40④ | 88.21④ | 90.81④ | 93.40④ | 106.32④ | 114.05④ |
| 3.13 | 16 | 25.87 | 50 | 80.85 | — | — | — | — | — | — | — | — | — | 76.33 | 84.42 |
| 3.14 | 14 | 22.64 | 44 | 71.15 | — | — | — | — | — | 61.24⑤ | 69.42⑤ | 72.12⑤ | 74.81⑤ | 88.10⑤ | 96.00⑤ |
| 3.16 | 19 | 30.72 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | — |
| 3.17 | 12 | 19.40 | 38 | 61.45 | — | — | — | — | 59.81④ | 73.18④ | 81.10⑤ | 83.72⑤ | 86.34⑤ | 99.38⑤ | 107.16⑤ |
| 3.20 | 15 | 24.26 | 48 | 77.62 | — | — | — | — | — | 52.97 | 61.52⑤ | 64.32⑤ | 67.08⑤ | 80.68⑤ | 88.70 |
| 3.20 | 10 | 16.17 | 32 | 51.74 | — | — | 44.72③ | 58.24④ | 71.45④ | 84.49④ | 92.27④ | 94.85④ | 97.44④ | 110.33④ | 118.04④ |
| 3.27 | 22 | 35.57 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 3.27 | 11 | 17.79 | 36 | 58.21 | — | — | — | 50.57④ | 64.12④ | 77.37④ | 85.23④ | 87.84④ | 90.45④ | 103.44④ | 111.19④ |
| 3.33 | 18 | 29.11 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | 63.55⑤ | 77.38⑤ |
| 3.33 | 15 | 24.26 | 50 | 80.85 | — | — | — | — | — | — | — | — | — | — | 85.49⑤ |
| 3.33 | 12 | 19.40 | 40 | 64.68 | — | — | — | — | 56.42④ | 70.00④ | 77.99④ | 80.64④ | 83.28④ | 96.40⑤ | 104.22⑤ |
| 3.40 | 10 | 16.17 | 34 | 54.98 | — | — | — | 55.00③ | 68.37④ | 81.51④ | 89.33④ | 91.93④ | 94.53④ | 107.47④ | 115.21④ |
| 3.43 | 21 | 33.96 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 3.43 | 14 | 22.64 | 48 | 77.62 | — | — | — | — | — | — | 62.54⑤ | 65.34⑤ | 68.11⑤ | 81.74⑤ | 89.77⑤ |
| 3.45 | 11 | 17.79 | 38 | 61.45 | — | — | — | — | 60.85④ | 74.26④ | 82.19④ | 84.82④ | 87.45④ | 100.50④ | 108.29④ |

Timing Belt Type G & Type U ■設計資料編

XL

3.50~7.20

設計表

下表軸間距離は、ベルトに許容張力を与えたときの理論値です。ベルト長さ、プーリ外径の許容誤差によって実際値はかわることがありますので、軸間距離には出来るだけ調節代、またはテンションプーリをつけてください。尚、軸間距離固定の場合は当社へご相談ください。

表19-⑤ XL 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|------|--------|---------|------|---------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 60XL 30歯 152.40 | 70XL 35歯 177.80 | 80XL 40歯 203.20 | 90XL 45歯 228.60 | 100XL 50歯 254.00 | 110XL 55歯 279.40 | 116XL 58歯 294.64 | 118XL 59歯 299.72 | 120XL 60歯 304.80 | 130XL 65歯 330.20 | 136XL 68歯 345.44 |
| 3.50 | 12 | 19.40 | 42 | 67.91 | — | — | — | — | — | 66.71 ^④ | 74.81 ^④ | 77.48 ^④ | 80.15 ^④ | 93.37 ^⑤ | 101.23 ^⑤ |
| 3.57 | 14 | 22.64 | 50 | 80.85 | — | — | — | — | — | — | — | — | 64.56 ^④ | 78.42 ^⑤ | 86.55 ^⑤ |
| 3.60 | 20 | 32.34 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 3.60 | 10 | 16.17 | 36 | 58.21 | — | — | — | 51.60 ^③ | 65.19 ^③ | 78.46 ^④ | 86.34 ^④ | 88.96 ^④ | 91.57 ^④ | 104.57 ^④ | 112.33 ^④ |
| 3.64 | 11 | 17.79 | 40 | 64.68 | — | — | — | — | 57.45 ^④ | 71.06 ^④ | 79.07 ^④ | 81.73 ^④ | 84.37 ^④ | 97.51 ^④ | 105.34 ^④ |
| 3.67 | 12 | 19.40 | 44 | 71.15 | — | — | — | — | — | 63.29 ^④ | 71.52 ^④ | 74.23 ^④ | 76.93 ^④ | 90.27 ^④ | 98.19 ^④ |
| 3.75 | 16 | 25.87 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | — |
| 3.79 | 19 | 30.72 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 3.80 | 10 | 16.17 | 38 | 61.45 | — | — | — | — | 61.90 ^③ | 75.34 ^④ | 83.28 ^④ | 85.92 ^④ | 88.55 ^④ | 101.62 ^④ | 109.42 ^④ |
| 3.82 | 11 | 17.79 | 42 | 67.91 | — | — | — | — | 53.86 ^③ | 67.75 ^④ | 75.87 ^④ | 78.55 ^④ | 81.22 ^④ | 94.47 ^④ | 102.34 ^④ |
| 4.00 | 18 | 29.11 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 4.00 | 15 | 24.26 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | — |
| 4.00 | 12 | 19.40 | 48 | 77.62 | — | — | — | — | — | — | 64.56 ^④ | 67.37 ^④ | 70.16 ^④ | 83.85 ^④ | 91.91 ^④ |
| 4.00 | 11 | 17.79 | 44 | 71.15 | — | — | — | — | — | 64.32 ^④ | 72.57 ^④ | 75.28 ^④ | 77.99 ^④ | 91.35 ^④ | 99.29 ^④ |
| 4.00 | 10 | 16.17 | 40 | 64.68 | — | — | — | — | 58.47 ^③ | 72.12 ^③ | 80.15 ^④ | 82.81 ^④ | 85.46 ^④ | 98.62 ^④ | 106.46 ^④ |
| 4.17 | 12 | 19.40 | 50 | 80.85 | — | — | — | — | — | — | 60.82 ^④ | 63.71 ^④ | 66.57 ^④ | 80.50 ^④ | 88.66 ^④ |
| 4.20 | 10 | 16.17 | 42 | 67.91 | — | — | — | — | 54.86 ^③ | 68.80 ^③ | 76.93 ^③ | 79.62 ^③ | 82.29 ^③ | 95.56 ^④ | 103.44 ^④ |
| 4.29 | 14 | 22.64 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | — |
| 4.36 | 11 | 17.79 | 48 | 77.62 | — | — | — | — | — | — | 65.57 ^③ | 68.39 ^③ | 71.18 ^④ | 84.90 ^④ | 92.98 ^④ |
| 4.40 | 10 | 16.17 | 44 | 71.15 | — | — | — | — | — | 65.34 ^③ | 73.61 ^③ | 76.33 ^③ | 79.04 ^③ | 92.43 ^④ | 100.38 ^④ |
| 4.50 | 16 | 25.87 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 4.55 | 11 | 17.79 | 50 | 80.85 | — | — | — | — | — | — | 61.81 ^③ | 64.71 ^③ | 67.57 ^③ | 81.53 ^④ | 89.71 ^④ |
| 4.80 | 15 | 24.26 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 4.80 | 10 | 16.17 | 48 | 77.62 | — | — | — | — | — | 57.89 ^③ | 66.57 ^③ | 69.40 ^③ | 72.20 ^③ | 85.95 ^③ | 94.04 ^③ |
| 5.00 | 12 | 19.40 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | 70.62 ^③ |
| 5.00 | 10 | 16.17 | 50 | 80.85 | — | — | — | — | — | — | 62.79 ^③ | 65.70 ^③ | 68.57 ^③ | 82.57 ^③ | 90.76 ^③ |
| 5.14 | 14 | 22.64 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 5.45 | 11 | 17.79 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | 71.59 ^③ |
| 6.00 | 12 | 19.40 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 6.00 | 10 | 16.17 | 60 | 97.02 | — | — | — | — | — | — | — | — | — | — | 72.56 ^③ |
| 6.55 | 11 | 17.79 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |
| 7.20 | 10 | 16.17 | 72 | 116.43 | — | — | — | — | — | — | — | — | — | — | — |

XL

3.50~7.20

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 | 6以上 | ⑤ | ④ | ③ | ② |
|-----------|-----|-----|-----|-----|-----|
| 補正係数 (Km) | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm | | | | | | | | | | | | | | 回転比 |
|--|--|---|---|---|---|---|---|---|---|---|---|---|--|--------------------------------------|
| 140XL 70歯 355.60 | 150XL 75歯 381.00 | 160XL 80歯 406.40 | 170XL 85歯 431.80 | 176XL 88歯 447.04 | 180XL 90歯 457.20 | 190XL 95歯 482.60 | 200XL 100歯 508.00 | 210XL 105歯 533.40 | 220XL 110歯 558.80 | 230XL 115歯 584.20 | 240XL 120歯 609.60 | 250XL 125歯 635.00 | 260XL 130歯 660.40 | |
| 106.46⑤ 91.91⑤ | 119.46⑤ 105.19⑤ | 132.40⑤ 118.34⑤ | 145.30⑤ 131.40 89.15 | 153.02⑤ 139.20 97.63 | 158.16⑤ 144.39 103.20 | 171.00⑤ 157.33 116.90 | 183.82⑤ 170.23 130.38 | 196.62⑤ 183.11 143.71 | 209.42⑤ 195.96 156.93 | 222.20⑤ 208.79 170.06 | 234.97⑤ 221.61 183.13 | 247.73⑤ 234.41 196.15 | 260.49⑤ 247.21 209.13 | 3.50 3.57 3.60 |
| 117.50④ 110.54④ | 130.39④ 123.50④ | 143.24④ 136.42④ | 156.06④ 149.29④ | 163.75④ 157.00④ | 168.87④ 162.13④ | 181.66④ 174.96④ | 194.44④ 187.77④ | 207.21④ 200.56④ | 219.98④ 213.34④ | 232.73④ 226.11④ | 245.48④ 238.88④ | 258.22④ 251.64④ | 270.96④ 264.39④ | 3.60 3.64 |
| 103.44⑤ 72.56⑤ | 116.51⑤ 86.68⑤ | 129.50⑤ 100.38 | 142.43⑤ 113.82 90.15 | 150.17⑤ 121.81 98.64 | 155.33⑤ 127.10 104.22 | 168.19⑤ 140.27 117.95 | 181.03⑤ 153.35 131.45 | 193.85⑤ 166.38 144.79 | 206.66⑤ 179.35 158.02 | 219.45⑤ 192.29 171.17 | 232.24⑤ 205.20 184.25 | 245.01⑤ 218.08 197.28 | 257.78⑤ 230.94 210.26 | 3.67 3.75 3.79 |
| 114.60④ 107.57④ | 127.53④ 120.59④ | 140.42④ 133.54④ | 153.27④ 146.45④ | 160.97④ 154.17④ | 166.10④ 159.32④ | 178.91④ 172.17④ | 191.70④ 184.99④ | 204.49④ 197.80④ | 217.26④ 210.60④ | 230.03④ 223.38④ | 242.78④ 236.16④ | 255.54④ 248.93④ | 268.28④ 261.69④ | 3.80 3.82 |
| — 73.55⑤ 97.24④ 104.55④ 111.67④ | — 87.70⑤ 110.47④ 117.62④ 124.64④ | — 101.42⑤ 123.57⑤ 130.63④ 137.56④ | 91.14 114.89⑤ 136.60⑤ 143.57④ 150.44④ | 99.66 122.88⑤ 144.39⑤ 151.32④ 158.16④ | 105.24 128.19 149.57⑤ 156.48④ 163.30④ | 118.99 141.37 162.49⑤ 169.35④ 176.13④ | 132.51 154.47 175.38⑤ 182.20④ 188.94④ | 145.87 167.50 188.25⑤ 195.02④ 201.74④ | 159.11 180.48 201.09⑤ 207.84④ 214.53④ | 172.27 193.43 213.92⑤ 220.64④ 227.31④ | 185.36 206.34 226.73⑤ 233.43④ 240.07④ | 198.40 219.23 239.53⑤ 246.20④ 252.84④ | 211.39 232.10 252.32⑤ 258.98④ 265.59④ | 4.00 4.00 4.00 4.00 4.00 |
| 94.04④ 108.68④ 74.54④ 98.32④ 105.64④ | 107.36④ 121.71④ 88.73⑤ 111.56④ 118.74④ | 120.54⑤ 134.67④ 102.47⑤ 124.68④ 131.75④ | 133.63⑤ 147.59④ 115.96⑤ 137.72④ 144.71④ | 141.44⑤ 155.33④ 123.96⑤ 145.52④ 152.46④ | 146.64⑤ 160.47④ 129.27⑤ 150.70④ 157.62④ | 159.60⑤ 173.33④ 142.47⑤ 163.64④ 170.50④ | 172.52⑤ 186.16④ 155.57⑤ 176.54④ 183.36④ | 185.41⑤ 198.98④ 168.62 189.41④ 196.19④ | 198.28⑤ 211.78④ 181.61 202.26④ 209.01④ | 211.12⑤ 224.57④ 194.57 215.09④ 221.82④ | 223.95④ 237.35④ 207.49 227.91④ 234.61④ | 236.77⑤ 250.12④ 220.38 240.71⑤ 247.39④ | 249.57⑤ 262.89④ 233.26 253.50⑤ 260.17④ | 4.17 4.20 4.29 4.36 4.40 |
| — 95.10④ 99.39④ 76.52④ | — 108.45④ 112.65④ 90.76④ | — 121.64④ 125.79④ 104.56④ | 93.13⑤ 134.74④ 94.13⑤ 138.84④ 118.08④ | 101.68⑤ 142.56④ 102.69⑤ 146.64④ 126.11④ | 107.29⑤ 147.77④ 108.31⑤ 151.83④ 131.43④ | 121.07 160.74④ 122.11⑤ 164.78④ 144.65④ | 134.63 173.67④ 135.68⑤ 177.68④ 157.79⑤ | 148.02 186.57④ 149.09 190.56④ 170.85⑤ | 161.28 199.44④ 162.37 203.42④ 183.86⑤ | 174.47 212.29④ 175.56 216.26④ 196.83⑤ | 187.58 225.12⑤ 188.68 229.08④ 209.77⑤ | 200.63 237.94⑤ 201.75 241.89④ 222.68⑤ | 213.64 250.75⑤ 214.77 254.69④ 235.56⑤ | 4.50 4.55 4.80 4.80 5.00 |
| 96.16③ — 77.50③ — 78.49③ | 109.53③ — 91.78③ — 92.79③ | 122.74④ 80.29④ 105.60④ 82.21③ 106.64③ | 135.85④ 95.12④ 119.14④ 97.10③ 120.20③ | 143.68④ 103.70④ 127.18④ 105.71④ 128.25③ | 148.89④ 109.32⑤ 132.51④ 111.35④ 133.58④ | 161.87④ 123.15⑤ 145.75④ 125.22④ 146.84④ | 174.81④ 136.74⑤ 158.89④ 138.85④ 159.99④ | 187.71④ 150.16⑤ 171.97④ 152.29④ 173.08④ | 200.59④ 163.45⑤ 184.99④ 165.62④ 186.11④ | 213.45④ 176.66⑤ 197.97④ 178.84④ 199.10④ | 226.29④ 189.79⑤ 210.91④ 191.99④ 212.05④ | 239.11④ 202.86⑤ 223.82④ 205.08④ 224.97④ | 251.92④ 215.89 236.71④ 218.13④ 237.86④ | 5.00 5.14 5.45 6.00 6.00 |
| — — | — — | 83.17③ 84.13③ | 98.09③ 99.08③ | 106.71③ 107.72③ | 112.37③ 113.38③ | 126.26④ 127.29③ | 139.90④ 140.95③ | 153.36④ 154.42③ | 166.69④ 167.77④ | 179.93④ 181.02④ | 193.09④ 194.19④ | 206.19④ 207.30④ | 219.24④ 220.36④ | 6.55 7.20 |

Timing Belt Type G & Type U ■設計資料編

L

設計表

1.00~1.18

表20-① L 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離mm | | | | | | | | | | |
|------|--------|------------|------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 124L 33歯 314.32 | 150L 40歯 381.00 | 165L 44歯 419.10 | 187L 50歯 476.25 | 210L 56歯 533.40 | 225L 60歯 571.50 | 240L 64歯 609.60 | 255L 68歯 647.70 | 270L 72歯 685.80 | 285L 76歯 723.90 | 300L 80歯 762.00 |
| 1.00 | 48 | 145.53 | 48 | 145.53 | — | — | — | — | — | — | — | — | — | — | — |
| 1.00 | 44 | 133.40 | 44 | 133.40 | — | — | — | — | — | — | — | — | — | 152.40 | 171.45 |
| 1.00 | 42 | 127.34 | 42 | 127.34 | — | — | — | — | — | — | — | — | 142.88 | 161.93 | 180.98 |
| 1.00 | 40 | 121.28 | 40 | 121.28 | — | — | — | — | — | — | — | 133.35 | 152.40 | 171.45 | 190.50 |
| 1.00 | 36 | 109.15 | 36 | 109.15 | — | — | — | — | — | — | 133.35 | 152.40 | 171.45 | 190.50 | 209.55 |
| 1.00 | 34 | 103.08 | 34 | 103.08 | — | — | — | — | — | 123.83 | 142.88 | 161.93 | 180.98 | 200.03 | 219.08 |
| 1.00 | 32 | 97.02 | 32 | 97.02 | — | — | — | — | 114.30 | 133.35 | 152.40 | 171.45 | 190.50 | 209.55 | 228.60 |
| 1.00 | 30 | 90.96 | 30 | 90.96 | — | — | — | — | 123.83 | 142.88 | 161.93 | 180.98 | 200.03 | 219.08 | 238.13 |
| 1.00 | 28 | 84.89 | 28 | 84.89 | — | — | — | 104.78 | 133.35 | 152.40 | 171.45 | 190.50 | 209.55 | 228.60 | 247.65 |
| 1.00 | 26 | 78.83 | 26 | 78.83 | — | — | — | 114.30 | 142.88 | 161.93 | 180.98 | 200.03 | 219.08 | 238.13 | 257.18 |
| 1.00 | 25 | 75.80 | 25 | 75.80 | — | — | 90.49 | 119.06 | 147.64 | 166.69 | 185.74 | 204.79 | 223.84 | 242.89 | 261.94 |
| 1.00 | 24 | 72.77 | 24 | 72.77 | — | — | 95.25 | 123.83 | 152.40 | 171.45 | 190.50 | 209.55 | 228.60 | 247.65 | 266.70 |
| 1.00 | 22 | 66.70 | 22 | 66.70 | — | 85.73 | 104.78 | 133.35 | 161.93 | 180.98 | 200.03 | 219.08 | 238.13 | 257.18 | 276.23 |
| 1.00 | 21 | 63.67 | 21 | 63.67 | — | 90.49 | 109.54 | 138.11 | 166.69 | 185.74 | 204.79 | 223.84 | 242.89 | 261.94 | 280.99 |
| 1.00 | 20 | 60.64 | 20 | 60.64 | — | 95.25 | 114.30 | 142.88 | 171.45 | 190.50 | 209.55 | 228.60 | 247.65 | 266.70 | 285.75 |
| 1.00 | 19 | 57.61 | 19 | 57.61 | — | 100.01 | 119.06 | 147.64 | 176.21 | 195.26 | 214.31 | 233.36 | 252.41 | 271.46 | 290.51 |
| 1.00 | 18 | 54.57 | 18 | 54.57 | 71.44 | 104.78 | 123.83 | 152.40 | 180.98 | 200.03 | 219.08 | 238.13 | 257.18 | 276.23 | 295.28 |
| 1.00 | 17 | 51.54 | 17 | 51.54 | 76.20 | 109.54 | 128.59 | 157.16 | 185.74 | 204.79 | 223.84 | 242.89 | 261.94 | 280.99 | 300.04 |
| 1.00 | 16 | 48.51 | 16 | 48.51 | 80.96 | 114.30 | 133.35 | 161.93 | 190.50 | 209.55 | 228.60 | 247.65 | 266.70 | 285.75 | 304.80 |
| 1.00 | 15 | 45.48 | 15 | 45.48 | 85.73 | 119.06 | 138.11 | 166.69 | 195.26 | 214.31 | 233.36 | 252.41 | 271.46 | 290.51 | 309.56 |
| 1.00 | 14 | 42.45 | 14 | 42.45 | 90.49 | 123.83 | 142.88 | 171.45 | 200.03 | 219.08 | 238.13 | 257.18 | 276.23 | 295.28 | 314.33 |
| 1.00 | 12 | 36.38 | 12 | 36.38 | 100.01 | 133.35 | 152.40 | 180.98 | 209.55 | 228.60 | 247.65 | 266.70 | 285.75 | 304.80 | 323.85 |
| 1.00 | 10 | 30.32 | 10 | 30.32 | 109.54⑤ | 142.88⑤ | 161.93⑤ | 190.50⑤ | 219.08⑤ | 238.13⑤ | 257.18⑤ | 276.23⑤ | 295.28⑤ | 314.33⑤ | 333.38⑤ |
| 1.04 | 48 | 145.53 | 50 | 151.60 | — | — | — | — | — | — | — | — | — | — | — |
| 1.04 | 25 | 75.80 | 26 | 78.83 | — | — | 88.09 | 116.67 | 145.25 | 164.30 | 183.35 | 202.40 | 221.45 | 240.50 | 259.55 |
| 1.04 | 24 | 72.77 | 25 | 75.80 | — | — | 92.86 | 121.43 | 150.01 | 169.06 | 188.11 | 207.16 | 226.21 | 245.26 | 264.31 |
| 1.05 | 42 | 127.34 | 44 | 133.40 | — | — | — | — | — | — | — | — | — | 157.13 | 176.19 |
| 1.05 | 40 | 121.28 | 42 | 127.34 | — | — | — | — | — | — | — | — | — | 166.66 | 185.71 |
| 1.05 | 21 | 63.67 | 22 | 66.70 | — | 88.09 | 107.15 | 135.72 | 164.30 | 183.35 | 202.40 | 221.45 | 240.50 | 259.55 | 278.60 |
| 1.05 | 20 | 60.64 | 21 | 63.67 | — | 92.86 | 111.91 | 140.49 | 169.06 | 188.11 | 207.16 | 226.21 | 245.26 | 264.31 | 283.36 |
| 1.05 | 19 | 57.61 | 20 | 60.64 | — | 97.62 | 116.67 | 145.25 | 173.82 | 192.88 | 211.93 | 230.98 | 250.03 | 269.08 | 288.13 |
| 1.06 | 34 | 103.08 | 36 | 109.15 | — | — | — | — | — | 119.02 | 138.08 | 157.13 | 176.19 | 195.24 | 214.29 |
| 0.50 | 32 | 97.02 | 34 | 103.08 | — | — | — | — | — | 128.55 | 147.61 | 166.66 | 185.71 | 204.77 | 223.82 |
| 1.06 | 18 | 54.57 | 19 | 57.61 | 69.04 | 102.38 | 121.43 | 150.01 | 178.59 | 197.64 | 216.69 | 235.74 | 254.79 | 273.84 | 292.89 |
| 1.06 | 17 | 51.54 | 18 | 54.57 | 73.80 | 107.15 | 126.20 | 154.77 | 183.35 | 202.40 | 221.45 | 240.50 | 259.55 | 278.60 | 297.65 |
| 1.06 | 16 | 48.51 | 17 | 51.54 | 78.57 | 111.91 | 130.96 | 159.54 | 188.11 | 207.16 | 226.21 | 245.26 | 264.31 | 283.36 | 302.41 |
| 1.07 | 30 | 90.96 | 32 | 97.02 | — | — | — | — | 119.02 | 138.08 | 157.13 | 176.19 | 195.24 | 214.29 | 233.34 |
| 1.07 | 28 | 84.89 | 30 | 90.96 | — | — | — | 99.97 | 128.55 | 147.61 | 166.66 | 185.71 | 204.77 | 223.82 | 242.87 |
| 1.07 | 15 | 45.48 | 16 | 48.51 | 83.33 | 116.67 | 135.72 | 164.30 | 192.88 | 211.93 | 230.98 | 250.03 | 269.08 | 288.13 | 307.18 |
| 1.07 | 14 | 42.45 | 15 | 45.48 | 88.09 | 121.43 | 140.49 | 169.06 | 197.64 | 216.69 | 235.74 | 254.79 | 273.84 | 292.89 | 311.94 |
| 1.08 | 26 | 78.83 | 28 | 84.89 | — | — | — | 109.50 | 138.08 | 157.13 | 176.19 | 195.24 | 214.29 | 233.34 | 252.39 |
| 1.08 | 24 | 72.77 | 26 | 78.83 | — | — | 90.44 | 119.02 | 147.61 | 166.66 | 185.71 | 204.77 | 223.82 | 242.87 | 261.92 |
| 1.09 | 44 | 133.40 | 48 | 145.53 | — | — | — | — | — | — | — | — | — | — | 161.81 |
| 1.09 | 22 | 66.70 | 24 | 72.77 | — | 80.91 | 99.97 | 128.55 | 157.13 | 176.19 | 195.24 | 214.29 | 233.34 | 252.39 | 271.45 |
| 1.10 | 40 | 121.28 | 44 | 133.40 | — | — | — | — | — | — | — | — | 142.75 | 161.81 | 180.87 |
| 1.10 | 20 | 60.64 | 22 | 66.70 | — | 90.44 | 109.50 | 138.08 | 166.66 | 185.71 | 204.77 | 223.82 | 242.87 | 261.92 | 280.97 |
| 1.11 | 36 | 109.15 | 40 | 121.28 | — | — | — | — | — | — | — | 142.75 | 161.81 | 180.87 | 199.93 |
| 1.11 | 19 | 57.61 | 21 | 63.67 | — | 95.20 | 114.26 | 142.84 | 171.42 | 190.48 | 209.53 | 228.58 | 247.63 | 266.68 | 285.73 |
| 1.11 | 18 | 54.57 | 20 | 60.64 | — | 99.97 | 119.02 | 147.61 | 176.19 | 195.24 | 214.29 | 233.34 | 252.39 | 271.45 | 290.50 |
| 1.12 | 25 | 75.80 | 28 | 84.89 | — | — | — | 111.83 | 140.42 | 159.48 | 178.54 | 197.59 | 216.65 | 235.70 | 254.75 |
| 1.12 | 17 | 51.54 | 19 | 57.61 | 71.37 | 104.73 | 123.79 | 152.37 | 180.95 | 200.00 | 219.05 | 238.11 | 257.16 | 276.21 | 295.26 |
| 1.13 | 32 | 97.02 | 36 | 109.15 | — | — | — | — | — | 123.68 | 142.75 | 161.81 | 180.87 | 199.93 | 218.99 |
| 1.13 | 30 | 90.96 | 34 | 103.08 | — | — | — | — | 114.14 | 133.21 | 152.28 | 171.34 | 190.40 | 209.46 | 228.52 |
| 1.13 | 16 | 48.51 | 18 | 54.57 | 76.14 | 109.50 | 128.55 | 157.13 | 185.71 | 204.77 | 223.82 | 242.87 | 261.92 | 280.97 | 300.02 |
| 1.13 | 15 | 45.48 | 17 | 51.54 | 80.91 | 114.26 | 133.32 | 161.90 | 190.48 | 209.53 | 228.58 | 247.63 | 266.68 | 285.73 | 304.78 |
| 1.14 | 44 | 133.40 | 50 | 151.60 | — | — | — | — | — | — | — | — | — | — | 156.90 |
| 1.14 | 42 | 127.34 | 48 | 145.53 | — | — | — | — | — | — | — | — | — | 147.36 | 166.44 |
| 1.14 | 28 | 84.89 | 32 | 97.02 | — | — | — | — | 123.68 | 142.75 | 161.81 | 180.87 | 199.93 | 218.99 | 238.05 |
| 1.14 | 22 | 66.70 | 25 | 75.80 | — | — | 97.53 | 126.12 | 154.71 | 173.77 | 192.83 | 211.88 | 230.94 | 249.99 | 269.04 |
| 1.14 | 21 | 63.67 | 24 | 72.77 | — | 83.22 | 102.29 | 130.89 | 159.48 | 178.54 | 197.59 | 216.65 | 235.70 | 254.75 | 273.81 |
| 1.14 | 14 | 42.45 | 16 | 48.51 | 85.67 | 119.02 | 138.08 | 166.66 | 195.24 | 214.29 | 233.34 | 252.39 | 271.45 | 290.50 | 309.55 |
| 1.15 | 26 | 78.83 | 30 | 90.96 | — | — | — | 104.60 | 133.21 | 152.28 | 171.34 | 190.40 | 209.46 | 228.52 | 247.58 |
| 1.16 | 19 | 57.61 | 22 | 66.70 | — | 92.76 | 111.83 | 140.42 | 169.01 | 188.06 | 207.12 | 226.17 | 245.23 | 264.28 | 283.33 |
| 1.17 | 36 | 109.15 | 42 | 127.34 | — | — | — | — | — | — | — | 137.81 | 156.90 | 175.98 | 195.05 |
| 1.17 | 24 | 72.77 | 28 | 84.89 | — | — | — | 114.14 | 142.75 | 161.81 | 180.87 | 199.93 | 218.99 | 238.05 | 257.10 |
| 1.17 | 18 | 54.57 | 21 | 63.67 | — | 97.53 | 116.59 | 145.19 | 173.77 | 192.83 | 211.88 | 230.94 | 249.99 | 269.04 | 288.10 |
| 1.17 | 12 | 36.38 | 14 | 42.45 | 95.20⑤ | 128.55⑤ | 147.61⑤ | 176.19⑤ | 204.77⑤ | 223.82⑤ | 242.87⑤ | 261.92⑤ | 280.97⑤ | 300.02⑤ | 319.07⑤ |
| 1.18 | 34 | 103.08 | 40 | 121.28 | — | — | — | — | — | — | 128.26 | 147.36 | 166.44 | 185.51 | 204.59 |
| 1.18 | 22 | 66.70 | 26 | 78.83 | — | — | 95.06 | 123.68 | 152.28 | 171.34 | 190.40 | 209.46 | 228.52 | 247.58 | 266.63 |
| 1.18 | 17 | 51.54 | 20 | 60.64 | 68.91 | 102.29 | 121.36 | | | | | | | | |

Timing Belt Type G & Type U ■設計資料編

L

設計表

1.19~1.47

表20-② L 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離mm | | | | | | | | | | |
|------|--------|--------|------|--------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径mm | 歯数 | ピッチ径mm | 124L 33歯 314.32 | 150L 40歯 381.00 | 165L 44歯 419.10 | 187L 50歯 476.25 | 210L 56歯 533.40 | 225L 60歯 571.50 | 240L 64歯 609.60 | 255L 68歯 647.70 | 270L 72歯 685.80 | 285L 76歯 723.90 | 300L 80歯 762.00 |
| 1.19 | 42 | 127.34 | 50 | 151.60 | — | — | — | — | — | — | — | — | — | — | 161.47 |
| 1.19 | 21 | 63.67 | 25 | 75.80 | — | 80.73 | 99.83 | 128.44 | 157.05 | 176.11 | 195.17 | 214.23 | 233.28 | 252.34 | 271.39 |
| 1.19 | 16 | 48.51 | 19 | 57.61 | 73.68 | 107.06 | 126.12 | 154.71 | 183.30 | 202.36 | 221.41 | 240.46 | 259.52 | 278.57 | 297.62 |
| 1.20 | 40 | 121.28 | 48 | 145.53 | — | — | — | — | — | — | — | — | — | 151.92 | 171.02 |
| 1.20 | 30 | 90.96 | 36 | 109.15 | — | — | — | — | — | 128.26 | 147.36 | 166.44 | 185.51 | 204.59 | 223.65 |
| 1.20 | 25 | 75.80 | 30 | 90.96 | — | — | — | 106.89 | 135.52 | 154.60 | 173.67 | 192.73 | 211.80 | 230.86 | 249.92 |
| 1.20 | 20 | 60.64 | 24 | 72.77 | — | 85.51 | 104.60 | 133.21 | 161.81 | 180.87 | 199.93 | 218.99 | 238.05 | 257.10 | 276.16 |
| 1.20 | 15 | 45.48 | 18 | 54.57 | 78.45 | 111.83 | 130.89 | 159.48 | 188.06 | 207.12 | 226.17 | 245.23 | 264.28 | 283.33 | 302.38 |
| 1.20 | 10 | 30.32 | 12 | 36.38 | 104.73④ | 138.08④ | 157.13④ | 185.71④ | 214.29④ | 233.34④ | 252.39④ | 271.45④ | 290.50④ | 309.55④ | 328.60 |
| 1.21 | 28 | 84.89 | 34 | 103.08 | — | — | — | — | 118.71 | 137.81 | 156.90 | 175.98 | 195.05 | 214.12 | 233.19 |
| 1.21 | 14 | 42.45 | 17 | 51.54 | 83.22 | 116.59 | 135.66 | 164.24 | 192.83 | 211.88 | 230.94 | 249.99 | 269.04 | 288.10 | 307.15 |
| 1.22 | 36 | 109.15 | 44 | 133.40 | — | — | — | — | — | — | — | 132.80 | 151.92 | 171.02 | 190.11 |
| 1.22 | 18 | 54.57 | 22 | 66.70 | — | 95.06 | 114.14 | 142.75 | 171.34 | 190.40 | 209.46 | 228.52 | 247.58 | 266.63 | 285.69 |
| 1.23 | 26 | 78.83 | 32 | 97.02 | — | — | — | 99.60 | 128.26 | 147.36 | 166.44 | 185.51 | 204.59 | 223.65 | 242.72 |
| 1.24 | 34 | 103.08 | 42 | 127.34 | — | — | — | — | — | — | — | 142.36 | 161.47 | 180.57 | 199.66 |
| 1.24 | 21 | 63.67 | 26 | 78.83 | — | — | — | 125.98 | 154.60 | 173.67 | 192.73 | 211.80 | 230.86 | 249.92 | 268.97 |
| 1.24 | 17 | 51.54 | 21 | 63.67 | — | 99.83 | 118.91 | 147.51 | 176.11 | 195.17 | 214.23 | 233.28 | 252.34 | 271.39 | 290.45 |
| 1.25 | 48 | 145.53 | 60 | 181.91 | — | — | — | — | — | — | — | — | — | — | — |
| 1.25 | 40 | 121.28 | 50 | 151.60 | — | — | — | — | — | — | — | — | — | 146.86 | 166.00 |
| 1.25 | 32 | 97.02 | 40 | 121.28 | — | — | — | — | — | — | 132.80 | 151.92 | 171.02 | 190.11 | 209.20 |
| 1.25 | 24 | 72.77 | 30 | 90.96 | — | — | — | 109.16 | 137.81 | 156.90 | 175.98 | 195.05 | 214.12 | 233.19 | 252.25 |
| 1.25 | 20 | 60.64 | 25 | 75.80 | — | 83.00 | 102.11 | 130.75 | 159.36 | 178.43 | 197.50 | 216.56 | 235.62 | 254.68 | 273.74 |
| 1.25 | 16 | 48.51 | 20 | 60.64 | 71.18 | 104.60 | 123.68 | 152.28 | 180.87 | 199.93 | 218.99 | 238.05 | 257.10 | 276.16 | 295.21 |
| 1.25 | 12 | 36.38 | 15 | 45.48 | 92.76⑤ | 126.12⑤ | 145.19⑤ | 173.77⑤ | 202.36⑤ | 221.41⑤ | 240.46⑤ | 259.52⑤ | 278.57⑤ | 297.62⑤ | 316.67⑤ |
| 1.26 | 19 | 57.61 | 24 | 72.77 | — | 87.78 | 106.89 | 135.52 | 164.13 | 183.20 | 202.26 | 221.33 | 240.39 | 259.45 | 278.50 |
| 1.27 | 22 | 66.70 | 28 | 84.89 | — | — | 90.03 | 118.71 | 147.36 | 166.44 | 185.51 | 204.59 | 223.65 | 242.72 | 261.78 |
| 1.27 | 15 | 45.48 | 19 | 57.61 | 75.96 | 109.37 | 128.44 | 157.05 | 185.64 | 204.70 | 223.76 | 242.81 | 261.87 | 280.92 | 299.98 |
| 1.28 | 25 | 75.80 | 32 | 97.02 | — | — | — | 101.84 | 130.54 | 149.64 | 168.74 | 187.82 | 206.90 | 225.97 | 245.04 |
| 1.29 | 34 | 103.08 | 44 | 133.40 | — | — | — | — | — | — | 137.28 | 156.43 | 175.56 | 194.67 | 213.77 |
| 1.29 | 28 | 84.89 | 36 | 109.15 | — | — | — | — | 113.65 | 132.80 | 151.92 | 171.02 | 190.11 | 209.20 | 228.28 |
| 1.29 | 17 | 51.54 | 22 | 66.70 | — | 97.34 | 116.43 | 145.06 | 173.67 | 192.73 | 211.80 | 230.86 | 249.92 | 268.97 | 288.03 |
| 1.29 | 14 | 42.45 | 18 | 54.57 | 80.73 | 114.14 | 133.21 | 161.81 | 190.40 | 209.46 | 228.52 | 247.58 | 266.63 | 285.69 | 304.74 |
| 1.30 | 20 | 60.64 | 26 | 78.83 | — | 80.45 | 99.60 | 128.26 | 156.90 | 175.98 | 195.05 | 214.12 | 233.19 | 252.25 | 271.31 |
| 1.31 | 32 | 97.02 | 42 | 127.34 | — | — | — | — | — | — | 127.69 | 146.86 | 166.00 | 185.12 | 204.22 |
| 1.31 | 26 | 78.83 | 34 | 103.08 | — | — | — | — | 123.23 | 142.36 | 161.47 | 180.57 | 199.66 | 218.74 | 237.82 |
| 1.31 | 16 | 48.51 | 21 | 63.67 | 68.64 | 102.11 | 121.21 | 149.83 | 178.43 | 197.50 | 216.56 | 235.62 | 254.68 | 273.74 | 292.80 |
| 1.32 | 19 | 57.61 | 25 | 75.80 | — | 85.24 | 104.38 | 133.04 | 161.67 | 180.75 | 199.82 | 218.89 | 237.95 | 257.01 | 276.08 |
| 1.33 | 36 | 109.15 | 48 | 145.53 | — | — | — | — | — | — | — | — | — | — | — |
| 1.33 | 30 | 90.96 | 40 | 121.28 | — | — | — | — | — | 118.09 | 137.28 | 156.43 | 175.56 | 194.67 | 213.77 |
| 1.33 | 24 | 72.77 | 32 | 97.02 | — | — | — | 104.07 | 132.80 | 151.92 | 171.02 | 190.11 | 209.20 | 228.28 | 247.35 |
| 1.33 | 21 | 63.67 | 28 | 84.89 | — | — | 92.26 | 120.98 | 149.64 | 168.74 | 187.82 | 206.90 | 225.97 | 245.04 | 264.11 |
| 1.33 | 18 | 54.57 | 24 | 72.77 | — | 90.03 | 109.16 | 137.81 | 166.44 | 185.51 | 204.59 | 223.65 | 242.72 | 261.78 | 280.84 |
| 1.33 | 15 | 45.48 | 20 | 60.64 | 73.43 | 106.89 | 125.98 | 154.60 | 183.20 | 202.26 | 221.33 | 240.39 | 259.45 | 278.50 | 297.56 |
| 1.33 | 12 | 36.38 | 16 | 48.51 | 90.28⑤ | 123.68⑤ | 142.75⑤ | 171.34⑤ | 199.93⑤ | 218.99⑤ | 238.05⑤ | 257.10⑤ | 276.16⑤ | 295.21⑤ | 314.27⑤ |
| 1.36 | 44 | 133.40 | 60 | 181.91 | — | — | — | — | — | — | — | — | — | — | — |
| 1.36 | 25 | 75.80 | 34 | 103.08 | — | — | — | — | 125.46 | 144.61 | 163.74 | 182.85 | 201.95 | 221.04 | 240.12 |
| 1.36 | 22 | 66.70 | 30 | 90.96 | — | — | — | 113.65 | 142.36 | 161.47 | 180.57 | 199.66 | 218.74 | 237.82 | 256.89 |
| 1.36 | 14 | 42.45 | 19 | 57.61 | 78.21 | 111.66 | 130.75 | 159.36 | 187.97 | 207.03 | 226.09 | 245.15 | 264.21 | 283.27 | 302.32 |
| 1.37 | 19 | 57.61 | 26 | 78.83 | — | 82.66 | 101.84 | 130.54 | 159.19 | 178.28 | 197.36 | 216.43 | 235.50 | 254.57 | 273.64 |
| 1.38 | 32 | 97.02 | 44 | 133.40 | — | — | — | — | — | — | — | 141.71 | 160.90 | 180.06 | 199.19 |
| 1.38 | 26 | 78.83 | 36 | 109.15 | — | — | — | — | 118.09 | 137.28 | 156.43 | 175.56 | 194.67 | 213.77 | 232.87 |
| 1.38 | 16 | 48.51 | 22 | 66.70 | — | 99.60 | 118.71 | 147.36 | 175.98 | 195.05 | 214.12 | 233.19 | 252.25 | 271.31 | 290.37 |
| 1.39 | 36 | 109.15 | 50 | 151.60 | — | — | — | — | — | — | — | — | — | — | — |
| 1.39 | 18 | 54.57 | 25 | 75.80 | — | 87.46 | 106.63 | 135.32 | 163.96 | 183.05 | 202.13 | 221.20 | 240.27 | 259.34 | 278.40 |
| 1.40 | 30 | 90.96 | 42 | 127.34 | — | — | — | — | — | — | 132.10 | 151.31 | 170.48 | 189.63 | 208.76 |
| 1.40 | 20 | 60.64 | 28 | 84.89 | — | — | 94.47 | 123.23 | 151.92 | 171.02 | 190.11 | 209.20 | 228.28 | 247.35 | 266.42 |
| 1.40 | 15 | 45.48 | 21 | 63.67 | 70.85 | 104.38 | 123.49 | 152.13 | 180.75 | 199.82 | 218.89 | 237.95 | 257.01 | 276.08 | 295.13 |
| 1.40 | 10 | 30.32 | 14 | 42.45 | 99.83④ | 133.21④ | 152.28④ | 180.87④ | 209.46④ | 228.52④ | 247.58④ | 266.63④ | 285.69④ | 304.74④ | 323.79④ |
| 1.41 | 34 | 103.08 | 48 | 145.53 | — | — | — | — | — | — | — | — | — | — | — |
| 1.41 | 17 | 51.54 | 24 | 72.77 | — | 92.26 | 111.41 | 140.09 | 168.74 | 187.82 | 206.90 | 225.97 | 245.04 | 264.11 | 283.17 |
| 1.42 | 24 | 72.77 | 34 | 103.08 | — | — | — | 98.85 | 127.69 | 146.86 | 166.00 | 185.12 | 204.22 | 223.32 | 242.41 |
| 1.42 | 12 | 36.38 | 17 | 51.54 | 87.78⑤ | 121.21⑤ | 140.29⑤ | 168.90⑤ | 197.50⑤ | 216.56⑤ | 235.62⑤ | 254.68⑤ | 273.74⑤ | 292.80⑤ | 311.85⑤ |
| 1.43 | 42 | 127.34 | 60 | 181.91 | — | — | — | — | — | — | — | — | — | — | — |
| 1.43 | 28 | 84.89 | 40 | 121.28 | — | — | — | — | — | 122.47 | 141.71 | 160.90 | 180.06 | 199.19 | 218.32 |
| 1.43 | 21 | 63.67 | 30 | 90.96 | — | — | — | 115.88 | 144.61 | 163.74 | 182.85 | 201.95 | 221.04 | 240.12 | 259.20 |
| 1.43 | 14 | 42.45 | 20 | 60.64 | 75.65 | 109.16 | 128.26 | 156.90 | 185.51 | 204.59 | 223.65 | 242.72 | 261.78 | 280.84 | 299.90 |
| 1.44 | 25 | 75.80 | 36 | 109.15 | — | — | — | — | 120.29 | 139.50 | 158.67 | 177.81 | 196.94 | 216.05 | 235.15 |
| 1.44 | 18 | 54.57 | 26 | 78.83 | — | 84.86 | 104.07 | 132.80 | 161.47 | 180.57 | 199.66 | 218.74 | 237.82 | 256.89 | 275.96 |
| 1.45 | 22 | 66.70 | 32 | 97.02 | — | — | — | 108.48 | 137.28 | 156.43 | 175.56 | 194.67 | 213.77 | 232.87 | 251.96 |
| 1.47 | 34 | 103.08 | 50 | 151.60 | — | — | — | — | — | — | — | — | 140.79 | 160.09 | 179.33 |

Timing Belt Type G & Type U ■設計資料編

L

設計表

1.47~1.85

表20-③ L 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離mm | | | | | | | | | | |
|------|--------|------------|------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 124L 33歯 314.32 | 150L 40歯 381.00 | 165L 44歯 419.10 | 187L 50歯 476.25 | 210L 56歯 533.40 | 225L 60歯 571.50 | 240L 64歯 609.60 | 255L 68歯 647.70 | 270L 72歯 685.80 | 285L 76歯 723.90 | 300L 80歯 762.00 |
| 1.47 | 30 | 90.96 | 44 | 133.40 | — | — | — | — | — | — | 126.81 | 146.10 | 165.33 | 184.52 | 203.68 |
| 1.47 | 19 | 57.61 | 28 | 84.89 | — | — | 96.67 | 125.46 | 154.18 | 173.29 | 192.40 | 211.49 | 230.58 | 249.66 | 268.73 |
| 1.47 | 17 | 51.54 | 25 | 75.80 | — | 89.67 | 108.86 | 137.58 | 166.25 | 185.34 | 204.43 | 223.51 | 242.58 | 261.66 | 280.73 |
| 1.47 | 15 | 45.48 | 22 | 66.70 | 68.23 | 101.84 | 120.98 | 149.64 | 178.28 | 197.36 | 216.43 | 235.50 | 254.57 | 273.64 | 292.70 |
| 1.50 | 48 | 145.53 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 1.50 | 40 | 121.28 | 60 | 181.91 | — | — | — | — | — | — | — | — | — | — | — |
| 1.50 | 32 | 97.02 | 48 | 145.53 | — | — | — | — | — | — | — | — | 150.44 | 169.72 | 188.94 |
| 1.50 | 28 | 84.89 | 42 | 127.34 | — | — | — | — | — | 117.14 | 136.46 | 155.72 | 174.93 | 194.10 | 213.26 |
| 1.50 | 24 | 72.77 | 36 | 109.15 | — | — | — | — | 122.47 | 141.71 | 160.90 | 180.06 | 199.19 | 218.32 | 237.43 |
| 1.50 | 20 | 60.64 | 30 | 90.96 | — | — | 89.20 | 118.09 | 146.86 | 166.00 | 185.12 | 204.22 | 223.32 | 242.41 | 261.50 |
| 1.50 | 16 | 48.51 | 24 | 72.77 | — | 94.47 | 113.65 | 142.36 | 171.02 | 190.11 | 209.20 | 228.28 | 247.35 | 266.42 | 285.49 |
| 1.50 | 14 | 42.45 | 21 | 63.67 | 73.05 | 106.63 | 125.76 | 154.42 | 183.05 | 202.13 | 221.20 | 240.27 | 259.34 | 278.40 | 297.47 |
| 1.50 | 12 | 36.38 | 18 | 54.57 | 85.24⑤ | 118.71⑤ | 137.81⑤ | 166.44⑤ | 195.05⑤ | 214.12⑤ | 233.19⑤ | 252.25⑤ | 271.31⑤ | 290.37⑤ | 309.43⑤ |
| 1.50 | 10 | 30.32 | 15 | 45.48 | 97.34④ | 130.75④ | 149.83④ | 178.43④ | 207.03④ | 226.09④ | 245.15④ | 264.21④ | 283.27④ | 302.32④ | 321.38④ |
| 1.52 | 21 | 63.67 | 32 | 97.02 | — | — | — | 110.66 | 139.50 | 158.67 | 177.81 | 196.94 | 216.05 | 235.15 | 254.25 |
| 1.53 | 17 | 51.54 | 26 | 78.83 | — | 87.04 | 106.28 | 135.04 | 163.74 | 182.85 | 201.95 | 221.04 | 240.12 | 259.20 | 278.27 |
| 1.54 | 26 | 78.83 | 40 | 121.28 | — | — | — | — | — | 126.81 | 146.10 | 165.33 | 184.52 | 203.68 | 222.83 |
| 1.55 | 22 | 66.70 | 34 | 103.08 | — | — | — | 103.17 | 132.10 | 151.31 | 170.48 | 189.63 | 208.76 | 227.87 | 246.98 |
| 1.56 | 32 | 97.02 | 50 | 151.60 | — | — | — | — | — | — | — | — | — | — | — |
| 1.56 | 18 | 54.57 | 28 | 84.89 | — | — | 98.85 | 127.69 | 156.43 | 175.56 | 194.67 | 213.77 | 232.87 | 251.96 | 271.04 |
| 1.56 | 16 | 48.51 | 25 | 75.80 | — | 91.86 | 111.08 | 139.83 | 168.52 | 187.62 | 206.72 | 225.81 | 244.89 | 263.97 | 283.04 |
| 1.57 | 28 | 84.89 | 44 | 133.40 | — | — | — | — | — | — | 131.11 | 150.44 | 169.72 | 188.94 | 208.14 |
| 1.57 | 14 | 42.45 | 22 | 66.70 | 70.39 | 104.07 | 123.23 | 151.92 | 180.57 | 199.66 | 218.74 | 237.82 | 256.89 | 275.96 | 295.03 |
| 1.58 | 19 | 57.61 | 30 | 90.96 | — | — | 91.35 | 120.29 | 149.09 | 168.24 | 187.38 | 206.50 | 225.60 | 244.70 | 263.79 |
| 1.58 | 12 | 36.38 | 19 | 57.61 | 82.66⑤ | 116.20⑤ | 135.32⑤ | 163.96⑤ | 192.59⑤ | 211.67⑤ | 230.74⑤ | 249.81⑤ | 268.87⑤ | 287.94⑤ | 307.00⑤ |
| 1.60 | 30 | 90.96 | 48 | 145.53 | — | — | — | — | — | — | — | 135.36 | 154.76 | 174.07 | 193.34 |
| 1.60 | 25 | 75.80 | 40 | 121.28 | — | — | — | — | 109.56 | 128.96 | 148.28 | 167.53 | 186.73 | 205.91 | 225.07 |
| 1.60 | 20 | 60.64 | 32 | 97.02 | — | — | — | 112.83 | 141.71 | 160.90 | 180.06 | 199.19 | 218.32 | 237.43 | 256.53 |
| 1.60 | 15 | 45.48 | 24 | 72.77 | — | 96.67 | 115.88 | 144.61 | 173.29 | 192.40 | 211.49 | 230.58 | 249.66 | 268.73 | 287.81 |
| 1.60 | 10 | 30.32 | 16 | 48.51 | 94.81④ | 128.26④ | 147.36④ | 175.98④ | 204.59④ | 223.65④ | 242.72④ | 261.78④ | 280.84④ | 299.90④ | 318.96④ |
| 1.62 | 26 | 78.83 | 42 | 127.34 | — | — | — | — | — | 121.40 | 140.79 | 160.09 | 179.33 | 198.54 | 217.72 |
| 1.62 | 21 | 63.67 | 34 | 103.08 | — | — | — | 105.31 | 134.29 | 153.52 | 172.71 | 191.87 | 211.01 | 230.14 | 249.25 |
| 1.63 | 16 | 48.51 | 26 | 78.83 | — | 89.20 | 108.48 | 137.28 | 166.00 | 185.12 | 204.22 | 223.32 | 242.41 | 261.50 | 280.58 |
| 1.64 | 44 | 133.40 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 1.64 | 22 | 66.70 | 36 | 109.15 | — | — | — | — | 126.81 | 146.10 | 165.33 | 184.52 | 203.68 | 222.83 | 241.96 |
| 1.65 | 17 | 51.54 | 28 | 84.89 | — | 81.64 | 101.02 | 129.90 | 158.67 | 177.81 | 196.94 | 216.05 | 235.15 | 254.25 | 273.34 |
| 1.67 | 36 | 109.15 | 60 | 181.91 | — | — | — | — | — | — | — | — | — | — | — |
| 1.67 | 30 | 90.96 | 50 | 151.60 | — | — | — | — | — | — | — | — | 149.32 | 168.73 | 188.06 |
| 1.67 | 24 | 72.77 | 40 | 121.28 | — | — | — | — | 111.67 | 131.11 | 150.44 | 169.72 | 188.94 | 208.14 | 227.31 |
| 1.67 | 18 | 54.57 | 30 | 90.96 | — | — | 93.48 | 122.47 | 151.31 | 170.48 | 189.63 | 208.76 | 227.87 | 246.98 | 266.08 |
| 1.67 | 15 | 45.48 | 25 | 75.80 | — | 94.03 | 113.29 | 142.07 | 170.78 | 189.89 | 209.00 | 228.10 | 247.19 | 266.27 | 285.35 |
| 1.67 | 12 | 36.38 | 20 | 60.64 | 80.04⑤ | 113.65⑤ | 132.80⑤ | 161.47⑤ | 190.11⑤ | 209.20⑤ | 228.28⑤ | 247.35⑤ | 266.42⑤ | 285.49⑤ | 304.56⑤ |
| 1.68 | 25 | 75.80 | 42 | 127.34 | — | — | — | — | 123.52 | 142.93 | 162.26 | 181.53 | 200.75 | 219.95 | 239.15 |
| 1.68 | 19 | 57.61 | 32 | 97.02 | — | — | — | 114.99 | 143.91 | 163.12 | 182.29 | 201.44 | 220.58 | 239.70 | 258.81 |
| 1.69 | 26 | 78.83 | 44 | 133.40 | — | — | — | — | — | 135.36 | 154.76 | 174.07 | 193.34 | 212.56 | 231.76 |
| 1.70 | 20 | 60.64 | 34 | 103.08 | — | — | — | 107.44 | 136.46 | 155.72 | 174.93 | 194.10 | 213.26 | 232.39 | 251.52 |
| 1.70 | 10 | 30.32 | 17 | 51.54 | 92.26④ | 125.76④ | 144.87④ | 173.51④ | 202.13④ | 221.20④ | 240.27④ | 259.34④ | 278.40④ | 297.47④ | 316.53④ |
| 1.71 | 42 | 127.34 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 1.71 | 28 | 84.89 | 48 | 145.53 | — | — | — | — | — | — | — | — | — | — | — |
| 1.71 | 21 | 63.67 | 36 | 109.15 | — | — | — | 99.80 | 128.96 | 148.28 | 167.53 | 186.73 | 205.91 | 225.07 | 244.21 |
| 1.71 | 14 | 42.45 | 24 | 72.77 | — | 98.85 | 118.09 | 146.86 | 175.56 | 194.67 | 213.77 | 232.87 | 251.96 | 271.04 | 290.12 |
| 1.73 | 15 | 45.48 | 26 | 78.83 | — | 91.35 | 110.66 | 139.50 | 168.24 | 187.38 | 206.50 | 225.60 | 244.70 | 263.79 | 282.88 |
| 1.75 | 48 | 145.53 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 1.75 | 24 | 72.77 | 42 | 127.34 | — | — | — | — | — | 125.62 | 145.07 | 164.42 | 183.71 | 202.95 | 222.16 |
| 1.75 | 16 | 48.51 | 28 | 84.89 | — | 83.75 | 103.17 | 132.10 | 160.90 | 180.06 | 199.19 | 218.32 | 237.43 | 256.53 | 275.62 |
| 1.75 | 12 | 36.38 | 21 | 63.67 | 77.38⑤ | 111.08⑤ | 130.25⑤ | 158.96⑤ | 187.62⑤ | 206.72⑤ | 225.81⑤ | 244.89⑤ | 263.97⑤ | 283.04⑤ | 302.11⑤ |
| 1.76 | 34 | 103.08 | 60 | 181.91 | — | — | — | — | — | — | — | — | — | — | — |
| 1.76 | 25 | 75.80 | 44 | 133.40 | — | — | — | — | 117.93 | 137.48 | 156.90 | 176.24 | 195.52 | 214.76 | 233.96 |
| 1.76 | 17 | 51.54 | 30 | 90.96 | — | — | 95.60 | 124.65 | 153.52 | 172.71 | 191.87 | 211.01 | 230.14 | 249.25 | 268.36 |
| 1.78 | 18 | 54.57 | 32 | 97.02 | — | — | 87.93 | 117.14 | 146.10 | 165.33 | 184.52 | 203.68 | 222.83 | 241.96 | 261.07 |
| 1.79 | 28 | 84.89 | 50 | 151.60 | — | — | — | — | — | — | — | 133.96 | 153.54 | 173.00 | 192.37 |
| 1.79 | 19 | 57.61 | 34 | 103.08 | — | — | — | 109.56 | 138.63 | 157.91 | 177.13 | 196.33 | 215.49 | 234.64 | 253.77 |
| 1.79 | 14 | 42.45 | 25 | 75.80 | — | 96.19 | 115.48 | 144.29 | 173.03 | 192.16 | 211.27 | 230.38 | 249.47 | 268.56 | 287.65 |
| 1.80 | 40 | 121.28 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 1.80 | 20 | 60.64 | 36 | 109.15 | — | — | — | 101.89 | 131.11 | 150.44 | 169.72 | 188.94 | 208.14 | 227.31 | 246.46 |
| 1.80 | 10 | 30.32 | 18 | 54.57 | 89.67④ | 123.23④ | 142.36④ | 171.02④ | 199.66④ | 218.74④ | 237.82④ | 256.89④ | 275.96④ | 295.03④ | 314.09④ |
| 1.82 | 22 | 66.70 | 40 | 121.28 | — | — | — | — | 115.85 | 135.36 | 154.76 | 174.07 | 193.34 | 212.56 | 231.76 |
| 1.83 | 24 | 72.77 | 44 | 133.40 | — | — | — | — | 119.99 | 139.58 | 159.03 | 178.40 | 197.70 | 216.96 | 236.22 |
| 1.83 | 12 | 36.38 | 22 | 66.70 | 74.66⑤ | 108.48⑤ | 127.69⑤ | 156.43⑤ | 185.12⑤ | 204.22⑤ | 223.32⑤ | 242.41⑤ | 261.50⑤ | 280.58⑤ | 299.65⑤ |
| 1.85 | 26 | 78.83 | 48 | 145.53 | — | — | — | — | — | — | 124.11 | 143.77 | 163.28 | 182.69 | 202.03 |

Timing Belt Type G & Type U ■設計資料編

L

設計表

1.86~2.50

表20-④ L 設計表

| 回転比 | ブーリ組合せ | | | | 軸間距離mm | | | | | | | | | | |
|------|--------|--------|------|--------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 小ブーリ | | 大ブーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径mm | 歯数 | ピッチ径mm | 124L 33歯 314.32 | 150L 40歯 381.00 | 165L 44歯 419.10 | 187L 50歯 476.25 | 210L 56歯 533.40 | 225L 60歯 571.50 | 240L 64歯 609.60 | 255L 68歯 647.70 | 270L 72歯 685.80 | 285L 76歯 723.90 | 300L 80歯 762.00 |
| 1.86 | 14 | 42.45 | 26 | 78.83 | — | 93.48 | 112.83 | 141.71 | 170.48 | 189.63 | 208.76 | 227.87 | 246.98 | 266.08 | 285.17 |
| 1.87 | 15 | 45.48 | 28 | 84.89 | — | 85.84 | 105.31 | 134.29 | 163.12 | 182.29 | 201.44 | 220.58 | 239.70 | 258.81 | 277.91 |
| 1.88 | 32 | 97.02 | 60 | 181.91 | — | — | — | — | — | — | — | — | — | — | 156.16 |
| 1.88 | 17 | 51.54 | 32 | 97.02 | — | — | 90.00 | 119.28 | 148.28 | 167.53 | 186.73 | 205.91 | 225.07 | 244.21 | 263.34 |
| 1.88 | 16 | 48.51 | 30 | 90.96 | — | — | 97.71 | 126.81 | 155.72 | 174.93 | 194.10 | 213.26 | 232.39 | 251.52 | 270.63 |
| 1.89 | 19 | 57.61 | 36 | 109.15 | — | — | — | 103.96 | 133.24 | 152.61 | 171.90 | 191.14 | 210.35 | 229.53 | 248.70 |
| 1.89 | 18 | 54.57 | 34 | 103.08 | — | — | — | 111.67 | 140.79 | 160.09 | 179.33 | 198.54 | 217.72 | 236.88 | 256.03 |
| 1.90 | 21 | 63.67 | 40 | 121.28 | — | — | — | — | — | — | — | — | — | — | — |
| 1.90 | 10 | 30.32 | 19 | 57.61 | 87.04④ | 120.67④ | 139.83④ | 168.52④ | 197.17④ | 216.26④ | 235.35④ | 254.43④ | 273.50④ | 292.58④ | 311.65④ |
| 1.91 | 44 | 133.40 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 1.91 | 22 | 66.70 | 42 | 127.34 | — | — | — | — | 110.13 | 129.81 | 149.32 | 168.73 | 188.06 | 207.33 | 226.57 |
| 1.92 | 26 | 78.83 | 50 | 151.60 | — | — | — | — | — | — | — | 138.08 | 157.73 | 177.24 | 196.66 |
| 1.92 | 25 | 75.80 | 48 | 145.53 | — | — | — | — | — | — | 126.15 | 145.85 | 165.39 | 184.83 | 204.19 |
| 2.00 | 42 | 127.34 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 2.00 | 36 | 109.15 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 2.00 | 30 | 90.96 | 60 | 181.91 | — | — | — | — | — | — | — | — | — | — | 160.23 |
| 2.00 | 25 | 75.80 | 50 | 151.60 | — | — | — | — | — | — | — | 140.13 | 159.81 | 179.35 | 198.79 |
| 2.00 | 24 | 72.77 | 48 | 145.53 | — | — | — | — | — | — | 128.19 | 147.93 | 167.50 | 186.96 | 206.34 |
| 2.00 | 22 | 66.70 | 44 | 133.40 | — | — | — | — | — | 124.11 | 143.77 | 163.28 | 182.69 | 202.03 | 221.32 |
| 2.00 | 21 | 63.67 | 42 | 127.34 | — | — | — | — | 112.16 | 131.89 | 151.44 | 170.87 | 190.22 | 209.51 | 228.77 |
| 2.00 | 20 | 60.64 | 40 | 121.28 | — | — | — | — | 119.99 | 139.58 | 159.03 | 178.40 | 197.70 | 216.96 | 236.18 |
| 2.00 | 18 | 54.57 | 36 | 109.15 | — | — | — | 106.03 | 135.36 | 154.76 | 174.07 | 193.34 | 212.56 | 231.76 | 250.93 |
| 2.00 | 17 | 51.54 | 34 | 103.08 | — | — | — | 113.76 | 142.93 | 162.26 | 181.53 | 200.75 | 219.95 | 239.12 | 258.27 |
| 2.00 | 16 | 48.51 | 32 | 97.02 | — | — | 92.05 | 121.40 | 150.44 | 169.72 | 188.94 | 208.14 | 227.31 | 246.46 | 265.59 |
| 2.00 | 15 | 45.48 | 30 | 90.96 | — | 80.12 | 99.80 | 128.96 | 157.91 | 177.13 | 196.33 | 215.49 | 234.64 | 253.77 | 272.90 |
| 2.00 | 14 | 42.45 | 28 | 84.89 | — | 87.93⑤ | 107.44 | 136.46 | 165.33 | 184.52 | 203.68 | 222.83 | 241.96 | 261.07 | 280.18 |
| 2.00 | 12 | 36.38 | 24 | 72.77 | 69.04④ | 103.17⑤ | 122.47⑤ | 151.31⑤ | 180.06⑤ | 199.19⑤ | 218.32⑤ | 237.43⑤ | 256.53⑤ | 275.62⑤ | 294.71⑤ |
| 2.00 | 10 | 30.32 | 20 | 60.64 | 84.36④ | 118.09④ | 137.28④ | 166.00④ | 194.67④ | 213.77④ | 232.87④ | 251.96④ | 271.04④ | 290.12④ | 309.19④ |
| 2.08 | 24 | 72.77 | 50 | 151.60 | — | — | — | — | — | — | 142.17 | 161.89 | 181.46 | 200.92 | — |
| 2.08 | 12 | 36.38 | 25 | 75.80 | 66.12④ | 100.46⑤ | 119.82⑤ | 148.71⑤ | 177.50⑤ | 196.66⑤ | 215.79⑤ | 234.92⑤ | 254.03⑤ | 273.13⑤ | 292.23⑤ |
| 2.10 | 40 | 121.28 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 2.10 | 21 | 63.67 | 44 | 133.40 | — | — | — | — | — | 126.15 | 145.85 | 165.39 | 184.83 | 204.19 | 223.50 |
| 2.10 | 20 | 60.64 | 42 | 127.34 | — | — | — | — | 114.19 | 133.96 | 153.54 | 173.00 | 192.37 | 211.69 | 230.95 |
| 2.10 | 10 | 30.32 | 21 | 63.67 | 81.64④ | 115.48④ | 134.70④ | 163.46④ | 192.16④ | 211.27④ | 230.38④ | 249.47④ | 268.56④ | 287.65④ | 306.73④ |
| 2.11 | 19 | 57.61 | 40 | 121.28 | — | — | — | — | 122.05 | 141.68 | 161.16 | 180.55 | 199.87 | 219.14 | 238.38 |
| 2.12 | 34 | 103.08 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 2.12 | 17 | 51.54 | 36 | 109.15 | — | — | — | 108.08 | 137.48 | 156.90 | 176.24 | 195.52 | 214.76 | 233.97 | 253.16 |
| 2.13 | 16 | 48.51 | 34 | 103.08 | — | — | 86.17 | 115.85 | 145.07 | 164.42 | 183.71 | 202.95 | 222.16 | 241.34 | 260.51 |
| 2.13 | 15 | 45.48 | 32 | 97.02 | — | — | 94.10 | 123.52 | 152.61 | 171.90 | 191.14 | 210.35 | 229.53 | 248.70 | 267.84 |
| 2.14 | 28 | 84.89 | 60 | 181.91 | — | — | — | — | — | — | — | — | — | 144.24 | 164.29 |
| 2.14 | 14 | 42.45 | 30 | 90.96 | — | 82.14⑤ | 101.89⑤ | 131.11 | 160.09 | 179.33 | 198.54 | 217.72 | 236.88 | 256.03 | 275.16 |
| 2.17 | 12 | 36.38 | 26 | 78.83 | — | 97.71⑤ | 117.14⑤ | 146.10⑤ | 174.93⑤ | 194.10⑤ | 213.26⑤ | 232.39⑤ | 251.52⑤ | 270.63⑤ | 289.74⑤ |
| 2.18 | 22 | 66.70 | 48 | 145.53 | — | — | — | — | — | — | 132.24 | 152.05 | 171.69 | 191.20 | 210.62 |
| 2.20 | 20 | 60.64 | 44 | 133.40 | — | — | — | — | 108.18 | 128.19 | 147.93 | 167.50 | 186.96 | 206.34 | 225.67 |
| 2.20 | 10 | 30.32 | 22 | 66.70 | 78.86④ | 112.83④ | 132.10④ | 160.90④ | 189.63④ | 208.76④ | 227.87④ | 246.98④ | 266.08④ | 285.17④ | 304.26④ |
| 2.21 | 19 | 57.61 | 42 | 127.34 | — | — | — | — | 116.21 | 136.03 | 155.64 | 175.12 | 194.52 | 213.85 | 233.14 |
| 2.22 | 18 | 54.57 | 40 | 121.28 | — | — | — | — | 124.11 | 143.77 | 163.28 | 182.69 | 202.03 | 221.32 | 240.58 |
| 2.25 | 32 | 97.02 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 2.25 | 16 | 48.51 | 36 | 109.15 | — | — | — | 110.13 | 139.58 | 159.03 | 178.40 | 197.70 | 216.96 | 236.18 | 255.38 |
| 2.27 | 22 | 66.70 | 50 | 151.60 | — | — | — | — | — | — | 126.21 | 146.24 | 166.02 | 185.65 | 205.16 |
| 2.27 | 15 | 45.48 | 34 | 103.08 | — | — | 88.16⑤ | 117.93 | 147.20 | 166.58 | 185.89 | 205.15 | 224.37 | 243.57 | 262.74 |
| 2.29 | 21 | 63.67 | 48 | 145.53 | — | — | — | — | — | — | 134.25 | 154.11 | 173.77 | 193.31 | 212.76 |
| 2.29 | 14 | 42.45 | 32 | 97.02 | — | — | 96.14⑤ | 125.62 | 154.76 | 174.07 | 193.34 | 212.56 | 231.76 | 250.93 | 270.08 |
| 2.31 | 26 | 78.83 | 60 | 181.91 | — | — | — | — | — | — | — | — | — | 148.20 | 168.32 |
| 2.32 | 19 | 57.61 | 44 | 133.40 | — | — | — | — | 110.16 | 130.22 | 149.99 | 169.60 | 189.08 | 208.49 | 227.83 |
| 2.33 | 36 | 109.15 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 2.33 | 18 | 54.57 | 42 | 127.34 | — | — | — | — | 118.23 | 138.08 | 157.73 | 177.24 | 196.66 | 216.01 | 235.31 |
| 2.33 | 12 | 36.38 | 28 | 84.89 | — | 92.05④ | 111.67⑤ | 140.79⑤ | 169.72⑤ | 188.94⑤ | 208.14⑤ | 227.31⑤ | 246.46⑤ | 265.59⑤ | 284.72⑤ |
| 2.35 | 17 | 51.54 | 40 | 121.28 | — | — | — | — | 126.15 | 145.85 | 165.39 | 184.83 | 204.19 | 223.50 | 242.76 |
| 2.38 | 21 | 63.67 | 50 | 151.60 | — | — | — | — | — | — | 128.19 | 148.26 | 168.08 | 187.73 | 207.27 |
| 2.40 | 30 | 90.96 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 2.40 | 25 | 75.80 | 60 | 181.91 | — | — | — | — | — | — | — | — | — | 150.17 | 170.33 |
| 2.40 | 20 | 60.64 | 48 | 145.53 | — | — | — | — | — | 116.06 | 136.26 | 156.16 | 175.85 | 195.42 | 214.88 |
| 2.40 | 15 | 45.48 | 36 | 109.15 | — | — | — | — | 112.16 | 141.68 | 161.16 | 180.55 | 199.87 | 219.14 | 238.38 |
| 2.40 | 10 | 30.32 | 24 | 72.77 | 73.12④ | 107.44④ | 126.81④ | 155.72④ | 184.52④ | 203.68④ | 222.83④ | 241.96④ | 261.07④ | 280.18④ | 299.28④ |
| 2.43 | 14 | 42.45 | 34 | 103.08 | — | — | 90.15⑤ | 119.99⑤ | 149.32 | 168.73 | 188.06 | 207.33 | 226.57 | 245.78 | 264.97 |
| 2.44 | 18 | 54.57 | 44 | 133.40 | — | — | — | — | 112.14 | 132.24 | 152.05 | 171.69 | 191.20 | 210.62 | 229.99 |
| 2.47 | 34 | 103.08 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 2.47 | 17 | 51.54 | 42 | 127.34 | — | — | — | — | 120.23 | 140.13 | 159.81 | 179.35 | 198.79 | 218.16 | 237.48 |
| 2.50 | 24 | 72.77 | 60 | 181.91 | — | — | — | — | — | — | — | — | — | 152.14 | 172.33 |

Timing Belt Type G & Type U ■設計資料編

L

設計表

2.50~4.29

表20-⑤ L 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離mm | | | | | | | | | | |
|------|--------|--------|------|--------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径mm | 歯数 | ピッチ径mm | 124L 33歯 314.32 | 150L 40歯 381.00 | 165L 44歯 419.10 | 187L 50歯 476.25 | 210L 56歯 533.40 | 225L 60歯 571.50 | 240L 64歯 609.60 | 255L 68歯 647.70 | 270L 72歯 685.80 | 285L 76歯 723.90 | 300L 80歯 762.00 |
| 2.50 | 20 | 60.64 | 50 | 151.60 | — | — | — | — | — | — | 130.17 | 150.28 | 170.13 | 189.81 | 209.37 |
| 2.50 | 16 | 48.51 | 40 | 121.28 | — | — | — | 98.02 | 128.19 | 147.93 | 167.50 | 186.96 | 206.34 | 225.67 | 244.95 |
| 2.50 | 12 | 36.38 | 30 | 90.96 | — | 86.17④ | 106.03⑤ | 135.36⑤ | 164.42⑤ | 183.71⑤ | 202.95⑤ | 222.16⑤ | 241.34⑤ | 260.51⑤ | 279.66⑤ |
| 2.50 | 10 | 30.32 | 25 | 75.80 | 70.13③ | 104.69④ | 124.12④ | 153.09④ | 181.94④ | 201.12④ | 220.28④ | 239.43④ | 258.56④ | 277.68④ | 296.79④ |
| 2.53 | 19 | 57.61 | 48 | 145.53 | — | — | — | — | — | 118.02 | 138.27 | 158.20 | 177.93 | 197.51 | 217.00 |
| 2.57 | 28 | 84.89 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 2.57 | 14 | 42.45 | 36 | 109.15 | — | — | — | 114.19⑤ | 143.77⑤ | 163.28 | 182.69 | 202.03 | 221.32 | 240.58 | 259.80 |
| 2.59 | 17 | 51.54 | 44 | 133.40 | — | — | — | — | 114.10 | 134.25 | 154.11 | 173.77 | 193.31 | 212.76 | 232.14 |
| 2.60 | 10 | 30.32 | 26 | 78.83 | 67.05③ | 101.89④ | 121.40④ | 150.44④ | 179.33④ | 198.54④ | 217.72④ | 236.88④ | 256.03④ | 275.16④ | 294.28 |
| 2.63 | 32 | 97.02 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 2.63 | 19 | 57.61 | 50 | 151.60 | — | — | — | — | — | — | 132.14 | 152.29 | 172.18 | 191.89 | 211.47 |
| 2.63 | 16 | 48.51 | 42 | 127.34 | — | — | — | — | 122.23 | 142.17 | 161.89 | 181.46 | 200.92 | 220.31 | 239.65 |
| 2.67 | 18 | 54.57 | 48 | 145.53 | — | — | — | — | — | 119.97 | 140.26 | 160.23 | 179.99 | 199.61 | 219.12 |
| 2.67 | 15 | 45.48 | 40 | 121.28 | — | — | — | 99.97⑤ | 130.22 | 149.99 | 169.60 | 189.08 | 208.49 | 227.83 | 247.13 |
| 2.67 | 12 | 36.38 | 32 | 97.02 | — | 79.98④ | 100.19④ | 129.81⑤ | 159.03⑤ | 178.40⑤ | 197.70⑤ | 216.96⑤ | 236.18⑤ | 255.38⑤ | 274.55⑤ |
| 2.73 | 22 | 66.70 | 60 | 181.91 | — | — | — | — | — | — | — | — | 135.38 | 156.06 | 176.33 |
| 2.75 | 16 | 48.51 | 44 | 133.40 | — | — | — | — | 116.06 | 136.26 | 156.16 | 175.85 | 195.42 | 214.88 | 234.28 |
| 2.77 | 26 | 78.83 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 2.78 | 18 | 54.57 | 50 | 151.60 | — | — | — | — | — | 113.45 | 134.10 | 154.30 | 174.22 | 193.96 | 213.57 |
| 2.80 | 30 | 90.96 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 2.80 | 15 | 45.48 | 42 | 127.34 | — | — | — | — | 124.23⑤ | 144.21 | 163.96 | 183.56 | 203.04 | 222.45 | 241.80 |
| 2.80 | 10 | 30.32 | 28 | 84.89 | — | 96.14④ | 115.85④ | 145.07④ | 174.07④ | 193.34④ | 212.56④ | 231.76④ | 250.93④ | 270.08④ | 289.23④ |
| 2.82 | 17 | 51.54 | 48 | 145.53 | — | — | — | — | — | 121.91 | 142.26 | 162.26 | 182.05 | 201.69 | 221.23 |
| 2.83 | 12 | 36.38 | 34 | 103.08 | — | — | 94.10④ | 124.11④ | 153.54⑤ | 173.00⑤ | 192.37⑤ | 211.69⑤ | 230.95⑤ | 250.19⑤ | 269.40⑤ |
| 2.86 | 21 | 63.67 | 60 | 181.91 | — | — | — | — | — | — | 137.29 | 157.01 | 176.73 | 196.45 | 216.17 |
| 2.86 | 14 | 42.45 | 40 | 121.28 | — | — | — | 101.92⑤ | 132.24⑤ | 152.05⑤ | 171.69⑤ | 191.20 | 210.62 | 229.99 | 249.30 |
| 2.88 | 25 | 75.80 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 2.93 | 15 | 45.48 | 44 | 133.40 | — | — | — | — | 118.02⑤ | 138.27⑤ | 158.20 | 177.93 | 197.51 | 217.00 | 236.42 |
| 2.94 | 17 | 51.54 | 50 | 151.60 | — | — | — | — | — | 115.36 | 136.06 | 156.30 | 176.26 | 196.02 | 215.65 |
| 3.00 | 28 | 84.89 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 3.00 | 24 | 72.77 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 3.00 | 20 | 60.64 | 60 | 181.91 | — | — | — | — | — | — | — | — | 139.19 | 159.96 | 180.30 |
| 3.00 | 16 | 48.51 | 48 | 145.53 | — | — | — | — | — | 123.85 | 144.24 | 164.29 | 184.11 | 203.78 | 223.33 |
| 3.00 | 14 | 42.45 | 42 | 127.34 | — | — | — | 95.32⑤ | 126.21⑤ | 146.24⑤ | 166.02⑤ | 185.65⑤ | 205.16 | 224.59 | 243.96 |
| 3.00 | 12 | 36.38 | 36 | 109.15 | — | — | 87.70④ | 118.23④ | 147.93⑤ | 167.50⑤ | 186.96⑤ | 206.34⑤ | 225.67⑤ | 244.95⑤ | 264.19⑤ |
| 3.00 | 10 | 30.32 | 30 | 90.96 | — | 90.15③ | 110.13④ | 139.58④ | 168.73④ | 188.06④ | 207.33④ | 226.57④ | 245.78④ | 264.97④ | 284.13④ |
| 3.13 | 16 | 48.51 | 50 | 151.60 | — | — | — | — | — | 117.26⑤ | 138.01 | 158.30 | 178.29 | 198.08 | 217.74 |
| 3.14 | 14 | 42.45 | 44 | 133.40 | — | — | — | — | 119.97⑤ | 140.26⑤ | 160.23⑤ | 179.99⑤ | 199.61⑤ | 219.12 | 238.55 |
| 3.16 | 19 | 57.61 | 60 | 181.91 | — | — | — | — | — | — | 141.09 | 161.09 | 181.28 | 201.47 | 221.66 |
| 3.20 | 15 | 45.48 | 48 | 145.53 | — | — | — | — | — | 125.78⑤ | 146.22⑤ | 166.31 | 186.16 | 205.85 | 225.43 |
| 3.20 | 10 | 30.32 | 32 | 97.02 | — | 83.86③ | 104.20③ | 133.96④ | 163.28④ | 182.69④ | 202.03④ | 221.32④ | 240.58④ | 259.80④ | 278.99④ |
| 3.23 | 26 | 78.83 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 3.27 | 22 | 66.70 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 3.33 | 18 | 54.57 | 60 | 181.91 | — | — | — | — | — | — | — | 142.99 | 163.84 | 184.69 | 205.54 |
| 3.33 | 15 | 45.48 | 50 | 151.60 | — | — | — | — | — | 119.16⑤ | 139.96⑤ | 160.29⑤ | 180.31 | 200.14 | 220.00 |
| 3.33 | 12 | 36.38 | 40 | 121.28 | — | — | — | 105.78④ | 136.26④ | 156.16④ | 175.85⑤ | 195.42⑤ | 214.88⑤ | 234.28⑤ | 253.62⑤ |
| 3.36 | 25 | 75.80 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 3.40 | 10 | 30.32 | 34 | 103.08 | — | 77.15③ | 98.02③ | 128.19④ | 157.73④ | 177.24④ | 196.66④ | 216.01④ | 235.31④ | 254.58④ | 273.81④ |
| 3.43 | 21 | 63.67 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 3.43 | 14 | 42.45 | 48 | 145.53 | — | — | — | — | 106.60④ | 127.71⑤ | 148.20⑤ | 168.32⑤ | 188.20⑤ | 207.92⑤ | 227.52⑤ |
| 3.50 | 24 | 72.77 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 3.50 | 12 | 36.38 | 42 | 127.34 | — | — | — | 99.10④ | 130.17④ | 150.28④ | 170.13④ | 189.81⑤ | 209.37⑤ | 228.84⑤ | 248.25⑤ |
| 3.53 | 17 | 51.54 | 60 | 181.91 | — | — | — | — | — | — | 144.88 | 165.78 | 186.24 | 206.70 | 227.16 |
| 3.57 | 14 | 42.45 | 50 | 151.60 | — | — | — | — | — | 121.05④ | 141.91⑤ | 162.27⑤ | 182.33⑤ | 202.18⑤ | 221.89⑤ |
| 3.60 | 20 | 60.64 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 3.60 | 10 | 30.32 | 36 | 109.15 | — | — | 91.53③ | 122.23③ | 152.05④ | 171.69④ | 191.20④ | 210.62④ | 229.99④ | 249.30④ | 268.57④ |
| 3.67 | 12 | 36.38 | 44 | 133.40 | — | — | — | — | 123.85④ | 144.24④ | 164.29④ | 184.11④ | 203.78⑤ | 223.33⑤ | 242.80⑤ |
| 3.75 | 16 | 48.51 | 60 | 181.91 | — | — | — | — | — | — | — | — | 146.77⑤ | 167.71⑤ | 188.21 |
| 3.79 | 19 | 57.61 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 3.82 | 22 | 66.70 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 4.00 | 21 | 63.67 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 4.00 | 18 | 54.57 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 4.00 | 15 | 45.48 | 60 | 181.91 | — | — | — | — | — | — | — | 126.92④ | 148.65⑤ | 169.64⑤ | 190.17⑤ |
| 4.00 | 12 | 36.38 | 48 | 145.53 | — | — | — | — | 110.33④ | 131.56④ | 152.14④ | 172.33④ | 192.28④ | 212.05⑤ | 231.70⑤ |
| 4.00 | 10 | 30.32 | 40 | 121.28 | — | — | — | 109.63③ | 140.26③ | 160.23④ | 179.99④ | 199.61④ | 219.12④ | 238.55④ | 257.93④ |
| 4.17 | 12 | 36.38 | 50 | 151.60 | — | — | — | — | — | 124.82④ | 145.78④ | 166.23④ | 186.36④ | 206.27④ | 226.02⑤ |
| 4.20 | 20 | 60.64 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 4.20 | 10 | 30.32 | 42 | 127.34 | — | — | — | 102.86③ | 134.10③ | 154.30③ | 174.22④ | 193.96④ | 213.57④ | 233.08④ | 252.52④ |
| 4.24 | 17 | 51.54 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | — |
| 4.29 | 14 | 42.45 | 60 | 181.91 | — | — | — | — | — | — | — | 128.75④ | 150.54④ | 171.57⑤ | 192.13⑤ |

L
4.40~8.40

設計表

表20-⑥ L 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|------|--------|------------|------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 124L 33歯 314.32 | 150L 40歯 381.00 | 165L 44歯 419.10 | 187L 50歯 476.25 | 210L 56歯 533.40 | 225L 60歯 571.50 | 240L 64歯 609.60 | 255L 68歯 647.70 | 270L 72歯 685.80 | 285L 76歯 723.90 | 300L 80歯 762.00 |
| | | | | | | | | | | | | | | | |
| 4.40 | 10 | 30.32 | 44 | 133.40 | — | — | — | 95.65③ | 127.71③ | 148.20③ | 168.32④ | 188.20④ | 207.92④ | 227.52④ | 247.04④ |
| 4.42 | 19 | 57.61 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 4.50 | 16 | 48.51 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | 146.92⑤ |
| 4.67 | 18 | 54.57 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 4.80 | 15 | 45.48 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | 148.73④ |
| 4.80 | 10 | 30.32 | 48 | 145.53 | — | — | — | — | 114.04③ | 135.38③ | 156.06③ | 176.33③ | 196.34④ | 216.16④ | 235.85④ |
| 4.94 | 17 | 51.54 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 5.00 | 12 | 36.38 | 60 | 181.91 | — | — | — | — | — | — | — | 132.41③ | 154.29④ | 175.41④ | 196.05④ |
| 5.00 | 10 | 30.32 | 50 | 151.60 | — | — | — | — | 106.57③ | 128.58③ | 149.64③ | 170.17③ | 190.37③ | 210.33④ | 230.14④ |
| 5.14 | 14 | 42.45 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | 150.53④ |
| 5.25 | 16 | 48.51 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 5.60 | 15 | 45.48 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 6.00 | 14 | 42.45 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 6.00 | 12 | 36.38 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | 154.14③ |
| 6.00 | 10 | 30.32 | 60 | 181.91 | — | — | — | — | — | — | — | 136.05③ | 158.04③ | 179.24③ | 199.95③ |
| 7.00 | 12 | 36.38 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |
| 7.20 | 10 | 30.32 | 72 | 218.30 | — | — | — | — | — | — | — | — | — | — | 157.74③ |
| 8.40 | 10 | 30.32 | 84 | 254.68 | — | — | — | — | — | — | — | — | — | — | — |

L

4.40~8.40

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 | 6以上 | ⑤ | ④ | ③ | ② |
|----------|-----|-----|-----|-----|-----|
| 補正係数(Km) | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm 標 準 ベ ル ト 呼 称 | | | | | | | | | | | | | | 回転比 |
|-----------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------|
| 322L 86歯 819.15 | 337L 90歯 857.25 | 345L 92歯 876.30 | 367L 98歯 933.45 | 375L 100歯 952.50 | 390L 104歯 990.60 | 420L 112歯 1066.80 | 427L 114歯 1085.85 | 450L 120歯 1143.00 | 480L 128歯 1219.20 | 510L 136歯 1295.40 | 540L 144歯 1371.60 | 600L 160歯 1524.00 | 630L 168歯 1600.20 | |
| 276.18④ | 295.54④ | 305.21④ | 334.16④ | 343.80④ | 363.05④ | 401.50④ | 411.11④ | 439.89④ | 478.23④ | 516.54④ | 554.82④ | 631.31④ | 669.53④ | 4.40 |
| — | — | — | 196.79 | 207.60 | 228.81 | 270.16 | 280.34 | 310.60 | 350.48 | 389.98 | 429.22 | 507.16 | 545.94 | 4.42 |
| 180.01⑤ | 201.16⑤ | 211.57⑤ | 242.30 | 252.42 | 272.53 | 312.31 | 322.19 | 351.70 | 390.83 | 429.77 | 468.56 | 545.85 | 584.38 | 4.50 |
| — | — | — | 198.64 | 209.47 | 230.72 | 272.12 | 282.31 | 312.60 | 352.51 | 392.05 | 431.31 | 509.28 | 548.08 | 4.67 |
| 181.88⑤ | 203.07⑤ | 213.49⑤ | 244.27⑤ | 254.41⑤ | 274.53⑤ | 314.36 | 324.24 | 353.78 | 392.93 | 431.89 | 470.70 | 548.02 | 586.57 | 4.80 |
| 265.21④ | 284.68④ | 294.40④ | 323.48④ | 333.16④ | 352.48④ | 391.04④ | 400.67④ | 429.52④ | 467.94④ | 506.31④ | 544.64④ | 621.22④ | 659.47④ | 4.80 |
| — | — | 166.70⑤ | 200.49⑤ | 211.34⑤ | 232.62 | 274.07 | 284.27 | 314.60 | 354.55 | 394.11 | 433.39 | 511.41 | 550.22 | 4.94 |
| 226.43④ | 246.43④ | 256.37④ | 286.02⑤ | 295.85⑤ | 315.46⑤ | 354.48⑤ | 364.21⑤ | 393.32⑤ | 432.02⑤ | 470.62⑤ | 509.15⑤ | 586.03⑤ | 624.41⑤ | 5.00 |
| 259.62④ | 279.16④ | 288.91④ | 318.07④ | 327.77④ | 347.13④ | 385.76④ | 395.40④ | 424.29④ | 462.75④ | 501.16④ | 539.52④ | 616.14④ | 654.42④ | 5.00 |
| 183.75④ | 204.98⑤ | 215.42⑤ | 246.24⑤ | 256.39⑤ | 276.53⑤ | 316.40⑤ | 326.29⑤ | 355.85⑤ | 395.03 | 434.01 | 472.84 | 550.19 | 588.75 | 5.14 |
| — | — | 168.49④ | 202.34⑤ | 213.20⑤ | 234.52⑤ | 276.03 | 286.24 | 316.59 | 356.57 | 396.16 | 435.47 | 513.53 | 552.36 | 5.25 |
| — | — | 170.28④ | 204.19⑤ | 215.07⑤ | 236.42⑤ | 277.98⑤ | 288.20⑤ | 318.58⑤ | 358.60 | 398.22 | 437.55 | 515.65 | 554.49 | 5.60 |
| — | — | 172.07④ | 206.04④ | 216.93④ | 238.31⑤ | 279.92⑤ | 290.16⑤ | 320.57⑤ | 360.62⑤ | 400.27⑤ | 439.63⑤ | 517.76 | 556.62 | 6.00 |
| 187.49④ | 208.79④ | 219.26④ | 250.16④ | 260.34④ | 280.53④ | 320.47④ | 330.38④ | 359.98⑤ | 399.21⑤ | 438.24⑤ | 477.10⑤ | 554.52⑤ | 593.10⑤ | 6.00 |
| 230.42③ | 250.47④ | 260.43④ | 290.14④ | 299.99④ | 319.62④ | 358.70④ | 368.44④ | 397.59④ | 436.33④ | 474.96④ | 513.52④ | 590.45④ | 628.84④ | 6.00 |
| — | 163.62③ | 175.63③ | 209.72④ | 220.65④ | 242.10④ | 283.81④ | 294.07④ | 324.55④ | 364.67④ | 404.37④ | 443.78⑤ | 521.99⑤ | 560.88⑤ | 7.00 |
| 191.21③ | 212.59③ | 223.09③ | 254.08③ | 264.27③ | 284.51③ | 324.53④ | 334.46④ | 364.11④ | 403.39④ | 442.45④ | 481.36④ | 558.83④ | 597.44④ | 7.20 |
| — | 167.14② | 179.20② | 213.40③ | 224.37③ | 245.87③ | 287.69③ | 297.97③ | 328.51③ | 368.70④ | 408.46④ | 447.91④ | 526.20④ | 565.13④ | 8.40 |

Timing Belt Type G ■設計資料編

H

設計表

1.57~2.13

表21-③ H 設計表

| 回転比 | ブ ー リ 組 合 せ | | | | 軸 間 距 離 mm | | | | | | | | | | |
|------|-------------|------------|---------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| | 小 ブ ー リ | | 大 ブ ー リ | | 標 準 ベ ル ト 呼 称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 240H 48歯 609.60 | 270H 54歯 685.80 | 300H 60歯 762.00 | 330H 66歯 838.20 | 360H 72歯 914.40 | 390H 78歯 990.60 | 420H 84歯 1066.80 | 450H 90歯 1143.00 | 480H 96歯 1219.20 | 510H 102歯 1295.40 | 540H 108歯 1371.60 |
| 1.57 | 14 | 56.60 | 22 | 88.94 | 189.81 | 228.03 | 266.21 | 304.37 | 342.52 | 380.66 | 418.79 | 456.91 | 495.04 | 533.15 | 571.27 |
| 1.58 | 19 | 76.81 | 30 | 121.28 | 147.55 | 186.00 | 224.32 | 262.58 | 300.80 | 339.00 | 377.17 | 415.33 | 453.48 | 491.62 | 529.76 |
| 1.60 | 30 | 121.28 | 48 | 194.04 | — | — | — | — | 206.34 | 244.95 | 283.41 | 321.79 | 360.11 | 398.39 | 436.63 |
| 1.60 | 25 | 101.06 | 40 | 161.70 | — | — | 171.95 | 210.54 | 248.98 | 287.33 | 325.61 | 363.86 | 402.08 | 440.28 | 478.46 |
| 1.60 | 20 | 80.85 | 32 | 129.36 | 137.56 | 176.13 | 214.53 | 252.84 | 291.09 | 329.31 | 367.50 | 405.67 | 443.84 | 481.99 | 520.13 |
| 1.60 | 15 | 60.64 | 24 | 97.02 | 180.06 | 218.32 | 256.53 | 294.71 | 332.88 | 371.03 | 409.17 | 447.31 | 485.43 | 523.56 | 561.68 |
| 1.62 | 26 | 105.11 | 42 | 169.79 | — | — | 161.87 | 200.59 | 239.11 | 277.52 | 315.84 | 354.12 | 392.37 | 430.59 | 468.78 |
| 1.62 | 21 | 84.89 | 34 | 137.45 | 127.47 | 166.20 | 204.69 | 243.05 | 281.35 | 319.59 | 357.81 | 396.00 | 434.18 | 472.34 | 510.50 |
| 1.63 | 16 | 64.68 | 26 | 105.11 | 170.25 | 208.57 | 246.82 | 285.03 | 323.22 | 361.38 | 399.54 | 437.68 | 475.82 | 513.95 | 552.08 |
| 1.64 | 44 | 177.87 | 72 | 291.06 | — | — | — | — | — | — | — | — | — | 273.55 | 312.37 |
| 1.64 | 22 | 88.94 | 36 | 145.53 | — | 156.19 | 194.79 | 233.23 | 271.58 | 309.86 | 348.10 | 386.31 | 424.51 | 462.68 | 500.85 |
| 1.67 | 36 | 145.53 | 60 | 242.55 | — | — | — | — | — | 223.33 | 262.21 | 300.89 | 339.43 | 377.89 | — |
| 1.67 | 30 | 121.28 | 50 | 202.13 | — | — | — | — | 199.10 | 237.86 | 276.44 | 314.91 | 353.29 | 391.61 | 429.90 |
| 1.67 | 24 | 97.02 | 40 | 161.70 | — | — | 174.81 | 213.45 | 251.92 | 290.30 | 328.61 | 366.87 | 405.11 | 443.32 | 481.51 |
| 1.67 | 18 | 72.77 | 30 | 121.28 | 150.44 | 188.94 | 227.31 | 265.59 | 303.83 | 342.04 | 380.23 | 418.40 | 456.56 | 494.71 | 532.85 |
| 1.67 | 15 | 60.64 | 25 | 101.06 | 176.64 | 214.95 | 253.19 | 291.40 | 329.58 | 367.74 | 405.90 | 444.04 | 482.18 | 520.31 | 558.43 |
| 1.68 | 25 | 101.06 | 42 | 169.79 | — | — | 164.69 | 203.47 | 242.04 | 280.47 | 318.82 | 357.12 | 395.38 | 433.61 | 471.82 |
| 1.68 | 19 | 76.81 | 32 | 129.36 | 140.42 | 179.05 | 217.49 | 255.83 | 294.10 | 332.34 | 370.54 | 408.73 | 446.90 | 485.06 | 523.22 |
| 1.69 | 26 | 105.11 | 44 | 177.87 | — | — | 154.47 | 193.43 | 232.10 | 270.60 | 309.01 | 347.34 | 385.63 | 423.89 | 462.12 |
| 1.70 | 20 | 80.85 | 34 | 137.45 | 130.28 | 169.08 | 207.62 | 246.02 | 284.34 | 322.61 | 360.84 | 399.05 | 437.23 | 475.41 | 513.57 |
| 1.71 | 42 | 169.79 | 72 | 291.06 | — | — | — | — | — | — | — | — | — | 279.16 | 318.07 |
| 1.71 | 28 | 113.19 | 48 | 194.04 | — | — | — | 173.08 | 212.05 | 250.74 | 289.28 | 327.71 | 366.07 | 404.38 | 442.65 |
| 1.71 | 21 | 84.89 | 36 | 145.53 | — | 159.03 | 197.70 | 236.18 | 274.55 | 312.86 | 351.12 | 389.34 | 427.55 | 465.74 | 503.91 |
| 1.71 | 14 | 56.60 | 24 | 97.02 | 183.03 | 221.33 | 259.56 | 297.76 | 335.94 | 374.10 | 412.25 | 450.40 | 488.53 | 526.66 | 564.79 |
| 1.73 | 15 | 60.64 | 26 | 105.11 | 173.20 | 211.56 | 249.84 | 288.07 | 326.27 | 364.45 | 402.61 | 440.76 | 478.91 | 517.05 | 555.18 |
| 1.75 | 48 | 194.04 | 84 | 339.57 | — | — | — | — | — | — | — | — | — | — | — |
| 1.75 | 24 | 97.02 | 42 | 169.79 | — | — | 167.50 | 206.34 | 244.95 | 283.41 | 321.79 | 360.11 | 398.39 | 436.63 | 474.86 |
| 1.75 | 16 | 64.68 | 28 | 113.19 | 163.30 | 201.74 | 240.07 | 278.34 | 316.57 | 354.77 | 392.95 | 431.12 | 469.27 | 507.42 | 545.56 |
| 1.76 | 34 | 137.45 | 60 | 242.55 | — | — | — | — | — | — | 228.92 | 267.90 | 306.65 | 345.25 | 383.75 |
| 1.76 | 25 | 101.06 | 44 | 177.87 | — | — | 157.23 | 196.27 | 234.99 | 273.53 | 311.96 | 350.32 | 388.63 | 426.90 | 465.14 |
| 1.78 | 18 | 72.77 | 32 | 129.36 | 143.26 | 181.95 | 220.43 | 258.80 | 297.10 | 335.36 | 373.58 | 411.78 | 449.96 | 488.13 | 526.29 |
| 1.79 | 28 | 113.19 | 50 | 202.13 | — | — | — | — | 204.72 | 243.59 | 282.25 | 320.77 | 359.20 | 397.56 | 435.88 |
| 1.79 | 19 | 76.81 | 34 | 137.45 | 133.07 | 171.95 | 210.54 | 248.98 | 287.33 | 325.61 | 363.86 | 402.08 | 440.28 | 478.46 | 516.64 |
| 1.79 | 14 | 56.60 | 25 | 101.06 | 179.60 | 217.94 | 256.21 | 294.44 | 332.63 | 370.81 | 408.97 | 447.12 | 485.27 | 523.40 | 561.53 |
| 1.80 | 40 | 161.70 | 72 | 291.06 | — | — | — | — | — | — | — | — | 245.48 | 284.75 | 323.74 |
| 1.80 | 20 | 80.85 | 36 | 145.53 | — | 161.87 | 200.59 | 239.11 | 277.52 | 315.84 | 354.12 | 392.37 | 430.59 | 468.78 | 506.97 |
| 1.82 | 22 | 88.94 | 40 | 161.70 | — | 141.37 | 180.48 | 219.23 | 257.78 | 296.22 | 334.57 | 372.87 | 411.14 | 449.38 | 487.59 |
| 1.83 | 24 | 97.02 | 44 | 177.87 | — | — | 159.99 | 199.10 | 237.86 | 276.44 | 314.91 | 353.29 | 391.61 | 429.90 | 468.15 |
| 1.85 | 26 | 105.11 | 48 | 194.04 | — | — | — | 178.61 | 217.71 | 256.50 | 295.10 | 333.59 | 371.99 | 410.34 | 448.65 |
| 1.86 | 14 | 56.60 | 26 | 105.11 | 176.13 | 214.53 | 252.84 | 291.09 | 329.31 | 367.50 | 405.67 | 443.84 | 481.99 | 520.13 | 558.27 |
| 1.87 | 15 | 60.64 | 28 | 113.19 | 166.20 | 204.69 | 243.05 | 281.35 | 319.59 | 357.81 | 396.00 | 434.18 | 472.34 | 510.50 | 548.65 |
| 1.88 | 32 | 129.36 | 60 | 242.55 | — | — | — | — | — | — | 234.47 | 273.55 | 312.37 | 351.04 | 389.59 |
| 1.88 | 16 | 64.68 | 30 | 121.28 | 156.19 | 194.79 | 233.23 | 271.58 | 309.86 | 348.10 | 386.31 | 424.51 | 462.68 | 500.85 | 539.01 |
| 1.89 | 19 | 76.81 | 36 | 145.53 | 125.47 | 164.69 | 203.47 | 242.04 | 280.47 | 318.82 | 357.12 | 395.38 | 433.61 | 471.82 | 510.02 |
| 1.89 | 18 | 72.77 | 34 | 137.45 | 135.85 | 174.81 | 213.45 | 251.92 | 290.30 | 328.61 | 366.87 | 405.11 | 443.32 | 481.51 | 519.69 |
| 1.90 | 21 | 84.89 | 40 | 161.70 | — | — | — | — | — | — | — | — | — | — | — |
| 1.91 | 44 | 177.87 | 84 | 339.57 | — | — | — | — | — | — | — | — | — | — | — |
| 1.91 | 22 | 88.94 | 42 | 169.79 | — | — | 173.08 | 212.05 | 250.74 | 289.28 | 327.71 | 366.07 | 404.38 | 442.65 | 480.90 |
| 1.92 | 26 | 105.11 | 50 | 202.13 | — | — | — | 170.92 | 210.31 | 249.28 | 288.01 | 326.60 | 365.08 | 403.48 | 441.84 |
| 1.92 | 25 | 101.06 | 48 | 194.04 | — | — | — | 181.37 | 220.52 | 259.36 | 298.00 | 336.51 | 374.94 | 413.31 | 451.63 |
| 2.00 | 48 | 194.04 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | — |
| 2.00 | 42 | 169.79 | 84 | 339.57 | — | — | — | — | — | — | — | — | — | — | 272.53 |
| 2.00 | 36 | 145.53 | 72 | 291.06 | — | — | — | — | — | — | — | — | 256.37 | 295.85 | 335.00 |
| 2.00 | 30 | 121.28 | 60 | 242.55 | — | — | — | — | — | 200.37 | 239.99 | 279.16 | 318.07 | 356.80 | 395.40 |
| 2.00 | 25 | 101.06 | 50 | 202.13 | — | — | — | 173.62 | 213.08 | 252.11 | 290.89 | 329.50 | 368.01 | 406.43 | 444.80 |
| 2.00 | 24 | 97.02 | 48 | 194.04 | — | — | — | 184.11 | 223.33 | 262.21 | 300.89 | 339.43 | 377.89 | 416.27 | 454.61 |
| 2.00 | 22 | 88.94 | 44 | 177.87 | — | — | 165.48 | 204.72 | 243.59 | 282.25 | 320.77 | 359.20 | 397.56 | 435.88 | 474.16 |
| 2.00 | 21 | 84.89 | 42 | 169.79 | — | — | 175.85 | 214.88 | 253.62 | 292.19 | 330.65 | 369.03 | 407.36 | 445.65 | 483.91 |
| 2.00 | 20 | 80.85 | 40 | 161.70 | — | 146.84 | 186.11 | 224.97 | 263.60 | 302.10 | 340.50 | 378.84 | 417.14 | 455.41 | 493.64 |
| 2.00 | 18 | 72.77 | 36 | 145.53 | 128.19 | 167.50 | 206.34 | 244.95 | 283.41 | 321.79 | 360.11 | 398.39 | 436.63 | 474.86 | 513.06 |
| 2.00 | 16 | 64.68 | 32 | 129.36 | 148.89 | 187.71 | 226.29 | 264.72 | 303.07 | 341.37 | 379.62 | 417.85 | 456.05 | 494.24 | 532.42 |
| 2.00 | 15 | 60.64 | 30 | 121.28 | 159.03 | 197.70 | 236.18 | 274.55 | 312.86 | 351.12 | 389.34 | 427.55 | 465.74 | 503.91 | 542.08 |
| 2.00 | 14 | 56.60 | 28 | 113.19 | 169.08 | 207.62 | 246.02 | 284.34 | 322.61 | 360.84 | 399.05 | 437.23 | 475.41 | 513.57 | 551.72 |
| 2.08 | 24 | 97.02 | 50 | 202.13 | — | — | — | 176.32 | 215.85 | 254.93 | 293.75 | 332.40 | 370.93 | 409.38 | 447.77 |
| 2.10 | 40 | 161.70 | 84 | 339.57 | — | — | — | — | — | — | — | — | — | — | 277.87 |
| 2.10 | 21 | 84.89 | 44 | 177.87 | — | — | 168.20 | 207.52 | 246.44 | 285.14 | 323.69 | 362.14 | 400.53 | 438.86 | 477.16 |
| 2.10 | 20 | 80.85 | 42 | 169.79 | — | 138.93 | 178.61 | 217.71 | 256.50 | 295.10 | 333.59 | 371.99 | 410.34 | 448.65 | 486.92 |

Timing Belt Type G ■設計資料編

H

設計表

2.13~3.33

表21-④ H 設計表

| 回転比 | ブ ー リ 組 合 せ | | | | 軸 間 距 離 mm | | | | | | | | | | |
|------|-------------|------------|---------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| | 小 ブ ー リ | | 大 ブ ー リ | | 標 準 ベ ル ト 呼 称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 240H 48歯 609.60 | 270H 54歯 685.80 | 300H 60歯 762.00 | 330H 66歯 838.20 | 360H 72歯 914.40 | 390H 78歯 990.60 | 420H 84歯 1066.80 | 450H 90歯 1143.00 | 480H 96歯 1219.20 | 510H 102歯 1295.40 | 540H 108歯 1371.60 |
| 2.13 | 15 | 60.64 | 32 | 129.36 | 151.68 | 190.58 | 229.20 | 267.67 | 306.05 | 344.36 | 382.63 | 420.87 | 459.09 | 497.29 | 535.47 |
| 2.14 | 28 | 113.19 | 60 | 242.55 | — | — | — | — | — | 205.73 | 245.48 | 284.75 | 323.74 | 362.53 | 401.19 |
| 2.14 | 14 | 56.60 | 30 | 121.28 | 161.87 | 200.59 | 239.11 | 277.52 | 315.84 | 354.12 | 392.37 | 430.59 | 468.78 | 506.97 | 545.14 |
| 2.18 | 44 | 177.87 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | — |
| 2.18 | 22 | 88.94 | 48 | 194.04 | — | — | — | 189.57 | 228.92 | 267.90 | 306.65 | 345.25 | 383.75 | 422.18 | 460.55 |
| 2.20 | 20 | 80.85 | 44 | 177.87 | — | — | 170.92 | 210.31 | 249.28 | 288.01 | 326.60 | 365.08 | 403.48 | 441.84 | 480.15 |
| 2.21 | 19 | 76.81 | 42 | 169.79 | — | 141.59 | 181.37 | 220.52 | 259.36 | 298.00 | 336.51 | 374.94 | 413.31 | 451.63 | 489.92 |
| 2.22 | 18 | 72.77 | 40 | 161.70 | — | 152.26 | 191.69 | 230.66 | 269.38 | 307.94 | 346.40 | 384.78 | 423.11 | 461.41 | 499.67 |
| 2.25 | 32 | 129.36 | 72 | 291.06 | — | — | — | — | — | — | — | 226.90 | 267.17 | 306.85 | 346.16 |
| 2.25 | 16 | 64.68 | 36 | 145.53 | 133.58 | 173.08 | 212.05 | 250.74 | 289.28 | 327.71 | 366.07 | 404.38 | 442.65 | 480.90 | 519.13 |
| 2.27 | 22 | 88.94 | 50 | 202.13 | — | — | — | 181.69 | 221.37 | 260.55 | 299.45 | 338.16 | 376.75 | 415.24 | 453.67 |
| 2.27 | 15 | 60.64 | 34 | 137.45 | 144.11 | 183.30 | 222.10 | 260.70 | 299.16 | 337.54 | 375.86 | 414.14 | 452.39 | 490.62 | 528.83 |
| 2.29 | 42 | 169.79 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | — |
| 2.29 | 21 | 84.89 | 48 | 194.04 | — | — | 152.14 | 192.28 | 231.70 | 270.72 | 309.51 | 348.15 | 386.67 | 425.12 | 463.51 |
| 2.29 | 14 | 56.60 | 32 | 129.36 | 154.47⑤ | 193.43 | 232.10 | 270.60 | 309.01 | 347.34 | 385.63 | 423.89 | 462.12 | 500.33 | 538.52 |
| 2.31 | 26 | 105.11 | 60 | 242.55 | — | — | — | — | — | 211.06 | 250.94 | 290.32 | 329.38 | 368.24 | 406.95 |
| 2.32 | 19 | 76.81 | 44 | 177.87 | — | — | 173.62 | 213.08 | 252.11 | 290.89 | 329.50 | 368.01 | 406.43 | 444.80 | 483.13 |
| 2.33 | 36 | 145.53 | 84 | 339.57 | — | — | — | — | — | — | — | — | — | — | — |
| 2.33 | 18 | 72.77 | 42 | 169.79 | — | 144.24 | 184.11 | 223.33 | 262.21 | 300.89 | 339.43 | 377.89 | 416.27 | 454.61 | 492.91 |
| 2.38 | 21 | 84.89 | 50 | 202.13 | — | — | — | 184.36 | 224.11 | 263.35 | 302.29 | 341.04 | 379.65 | 418.17 | 456.61 |
| 2.40 | 40 | 161.70 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | — |
| 2.40 | 30 | 121.28 | 72 | 291.06 | — | — | — | — | — | — | — | 232.13 | 272.53 | 312.31 | 351.70 |
| 2.40 | 25 | 101.06 | 60 | 242.55 | — | — | — | — | — | 213.72 | 253.66 | 293.09 | 332.19 | 371.08 | 409.82 |
| 2.40 | 20 | 80.85 | 48 | 194.04 | — | — | 154.75 | 194.99 | 234.47 | 273.55 | 312.37 | 351.04 | 389.59 | 428.06 | 466.47 |
| 2.40 | 15 | 60.64 | 36 | 145.53 | 136.26 | 175.85 | 214.88 | 253.62 | 292.19 | 330.65 | 369.03 | 407.36 | 445.65 | 483.91 | 522.15 |
| 2.43 | 14 | 56.60 | 34 | 137.45 | 146.84⑤ | 186.11 | 224.97 | 263.60 | 302.10 | 340.50 | 378.84 | 417.14 | 455.41 | 493.64 | 531.86 |
| 2.44 | 18 | 72.77 | 44 | 177.87 | — | 135.89 | 176.32 | 215.85 | 254.93 | 293.75 | 332.40 | 370.93 | 409.38 | 447.77 | 486.11 |
| 2.47 | 34 | 137.45 | 84 | 339.57 | — | — | — | — | — | — | — | — | — | 252.54 | 293.77 |
| 2.50 | 48 | 194.04 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 2.50 | 24 | 97.02 | 60 | 242.55 | — | — | — | — | — | 216.36 | 256.37 | 295.85 | 335.00 | 373.92 | 412.68 |
| 2.50 | 20 | 80.85 | 50 | 202.13 | — | — | — | 187.02 | 226.85 | 266.14 | 305.12 | 343.90 | 382.54 | 421.08 | 459.55 |
| 2.50 | 16 | 64.68 | 40 | 161.70 | — | 157.64 | 197.23 | 236.32 | 275.12 | 313.75 | 352.26 | 390.69 | 429.06 | 467.38 | 505.67 |
| 2.53 | 19 | 76.81 | 48 | 194.04 | — | — | 157.36 | 197.68 | 237.23 | 276.36 | 315.23 | 353.92 | 392.50 | 430.99 | 469.42 |
| 2.57 | 28 | 113.19 | 72 | 291.06 | — | — | — | — | — | — | — | 237.34 | 277.87 | 317.75 | 357.23 |
| 2.57 | 14 | 56.60 | 36 | 145.53 | 138.93⑤ | 178.61⑤ | 217.71 | 256.50 | 295.10 | 333.59 | 371.99 | 410.34 | 448.65 | 486.92 | 525.17 |
| 2.63 | 32 | 129.36 | 84 | 339.57 | — | — | — | — | — | — | — | — | — | 257.99 | 299.03 |
| 2.63 | 19 | 76.81 | 50 | 202.13 | — | — | — | 189.68 | 229.57 | 268.93 | 307.95 | 346.76 | 385.43 | 424.00 | 462.48 |
| 2.63 | 16 | 64.68 | 42 | 169.79 | — | 149.51 | 189.57 | 228.92 | 267.90 | 306.65 | 345.25 | 383.75 | 422.18 | 460.55 | 498.88 |
| 2.67 | 36 | 145.53 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | — |
| 2.67 | 18 | 72.77 | 48 | 194.04 | — | — | 159.96 | 200.37 | 239.99 | 279.16 | 318.07 | 356.80 | 395.40 | 433.91 | 472.36 |
| 2.67 | 15 | 60.64 | 40 | 161.70 | — | 160.31⑤ | 199.99 | 239.14 | 277.98 | 316.64 | 355.18 | 393.63 | 432.02 | 470.36 | 508.67 |
| 2.73 | 44 | 177.87 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 2.73 | 22 | 88.94 | 60 | 242.55 | — | — | — | — | 180.51 | 221.64 | 261.78 | 301.36 | 340.59 | 379.58 | 418.40 |
| 2.75 | 16 | 64.68 | 44 | 177.87 | — | 141.05⑤ | 181.69 | 221.37 | 260.55 | 299.45 | 338.16 | 376.75 | 415.24 | 453.67 | 492.05 |
| 2.77 | 26 | 105.11 | 72 | 291.06 | — | — | — | — | — | — | — | 242.53 | 283.19 | 323.17 | 362.73 |
| 2.78 | 18 | 72.77 | 50 | 202.13 | — | — | 151.27 | 192.32 | 232.30 | 271.70 | 310.77 | 349.62 | 388.31 | 426.90 | 465.41 |
| 2.80 | 30 | 121.28 | 84 | 339.57 | — | — | — | — | — | — | — | — | — | 263.11 | 304.27 |
| 2.80 | 15 | 60.64 | 42 | 169.79 | — | 152.14⑤ | 192.28 | 231.70 | 270.72 | 309.51 | 348.15 | 386.67 | 425.12 | 463.51 | 501.86 |
| 2.82 | 34 | 137.45 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | — |
| 2.86 | 42 | 169.79 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 2.86 | 21 | 84.89 | 60 | 242.55 | — | — | — | — | 183.05 | 224.27 | 264.48 | 304.11 | 343.38 | 382.40 | 421.25 |
| 2.86 | 14 | 56.60 | 40 | 161.70 | 122.03⑤ | 162.98⑤ | 202.74⑤ | 241.94 | 280.83 | 319.53 | 358.09 | 396.57 | 434.98 | 473.33 | 511.65 |
| 2.88 | 25 | 101.06 | 72 | 291.06 | — | — | — | — | — | — | — | 245.12 | 285.84 | 325.88 | 365.48 |
| 2.93 | 15 | 60.64 | 44 | 177.87 | — | 143.61⑤ | 184.36⑤ | 224.11 | 263.35 | 302.29 | 341.04 | 379.65 | 418.17 | 456.61 | 495.00 |
| 3.00 | 40 | 161.70 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 3.00 | 32 | 129.36 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | — |
| 3.00 | 28 | 113.19 | 84 | 339.57 | — | — | — | — | — | — | — | — | — | 268.22 | 309.50 |
| 3.00 | 24 | 97.02 | 72 | 291.06 | — | — | — | — | — | — | 205.72 | 247.70 | 288.49 | 328.58 | 368.22 |
| 3.00 | 20 | 80.85 | 60 | 242.55 | — | — | — | — | 185.59 | 226.90 | 267.17 | 306.85 | 346.16 | 385.22 | 424.09 |
| 3.00 | 16 | 64.68 | 48 | 194.04 | — | — | 165.13 | 205.73 | 245.48 | 284.75 | 323.74 | 362.53 | 401.19 | 439.74 | 478.23 |
| 3.00 | 14 | 56.60 | 42 | 169.79 | — | 154.75⑤ | 194.99⑤ | 234.47⑤ | 273.55 | 312.37 | 351.04 | 389.59 | 428.06 | 466.47 | 504.83 |
| 3.13 | 16 | 64.68 | 50 | 202.13 | — | — | 156.35⑤ | 197.60 | 237.72 | 277.23 | 316.39 | 355.30 | 394.06 | 432.69 | 471.24 |
| 3.14 | 14 | 56.60 | 44 | 177.87 | — | 146.17⑤ | 187.02⑤ | 226.85⑤ | 266.14⑤ | 305.12 | 343.90 | 382.54 | 421.08 | 459.55 | 497.96 |
| 3.16 | 19 | 76.81 | 60 | 242.55 | — | — | — | — | 188.12 | 229.51 | 269.85 | 309.58 | 348.93 | 388.03 | 426.93 |
| 3.20 | 30 | 121.28 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | — |
| 3.20 | 15 | 60.64 | 48 | 194.04 | — | — | 167.71⑤ | 208.40⑤ | 248.21 | 287.54 | 326.56 | 365.39 | 404.07 | 442.65 | 481.15 |
| 3.23 | 26 | 105.11 | 84 | 339.57 | — | — | — | — | — | — | — | — | — | 273.31 | 314.71 |
| 3.27 | 22 | 88.94 | 72 | 291.06 | — | — | — | — | — | — | 210.71 | 252.85 | 293.77 | 333.96 | 373.68 |
| 3.33 | 36 | 145.53 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 3.33 | 18 | 72.77 | 60 | 242.55 | — | — | — | — | 190.65 | 232.13 | 272.53 | 312.31 | 351.70 | 390.83 | 429.77 |

Timing Belt Type G ■設計資料編

H

設計表

3.33~8.57

表21-⑤ H 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離mm | | | | | | | | | | |
|------|--------|------------|------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 240H 48歯 609.60 | 270H 54歯 685.80 | 300H 60歯 762.00 | 330H 66歯 838.20 | 360H 72歯 914.40 | 390H 78歯 990.60 | 420H 84歯 1066.80 | 450H 90歯 1143.00 | 480H 96歯 1219.20 | 510H 102歯 1295.40 | 540H 108歯 1371.60 |
| 3.33 | 15 | 60.64 | 50 | 202.13 | — | — | 158.87⑤ | 200.23⑤ | 240.42 | 279.99 | 319.19 | 358.14 | 396.92 | 435.58 | 474.15 |
| 3.36 | 25 | 101.06 | 84 | 339.57 | — | — | — | — | — | — | — | — | 233.01 | 275.85 | 317.32 |
| 3.43 | 28 | 113.19 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | — |
| 3.43 | 21 | 84.89 | 72 | 291.06 | — | — | — | — | — | — | 213.20 | 255.42 | 296.40 | 336.64 | 376.41 |
| 3.43 | 14 | 56.60 | 48 | 194.04 | — | — | 170.28⑤ | 211.06⑤ | 250.94⑤ | 290.32⑤ | 329.38 | 368.24 | 406.95 | 445.55 | 484.07 |
| 3.50 | 24 | 97.02 | 84 | 339.57 | — | — | — | — | — | — | — | — | 235.47 | 278.38 | 319.91 |
| 3.53 | 34 | 137.45 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 3.57 | 14 | 56.60 | 50 | 202.13 | — | — | 161.40④ | 202.85⑤ | 243.11⑤ | 282.74⑤ | 321.98 | 360.97 | 399.78 | 438.46 | 477.05 |
| 3.60 | 20 | 80.85 | 72 | 291.06 | — | — | — | — | — | — | 215.69 | 257.99 | 299.03 | 339.32 | 379.13 |
| 3.69 | 26 | 105.11 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | 259.94 |
| 3.75 | 32 | 129.36 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 3.75 | 16 | 64.68 | 60 | 242.55 | — | — | — | — | 195.69⑤ | 237.34 | 277.87 | 317.75 | 357.23 | 396.42 | 435.42 |
| 3.79 | 19 | 76.81 | 72 | 291.06 | — | — | — | — | — | — | 218.17 | 260.55 | 301.65 | 342.00 | 381.85 |
| 3.82 | 22 | 88.94 | 84 | 339.57 | — | — | — | — | — | — | — | — | 240.38 | 283.45 | 325.10 |
| 3.84 | 25 | 101.06 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | 262.38 |
| 4.00 | 30 | 121.28 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 4.00 | 24 | 97.02 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | 264.81 |
| 4.00 | 21 | 84.89 | 84 | 339.57 | — | — | — | — | — | — | — | — | 242.84 | 285.97 | 327.68 |
| 4.00 | 18 | 72.77 | 72 | 291.06 | — | — | — | — | — | — | 220.65 | 263.11 | 304.27 | 344.67 | 384.56 |
| 4.00 | 15 | 60.64 | 60 | 242.55 | — | — | — | — | 198.20⑤ | 239.93⑤ | 280.53 | 320.47 | 359.98 | 399.21 | 438.24 |
| 4.20 | 20 | 80.85 | 84 | 339.57 | — | — | — | — | — | — | — | — | 245.29 | 288.50 | 330.27 |
| 4.29 | 28 | 113.19 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 4.29 | 14 | 56.60 | 60 | 242.55 | — | — | — | — | 200.71④ | 242.53⑤ | 283.19⑤ | 323.17⑤ | 362.73⑤ | 402.00⑤ | 441.05 |
| 4.36 | 22 | 88.94 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | 269.67 |
| 4.42 | 19 | 76.81 | 84 | 339.57 | — | — | — | — | — | — | — | — | 247.74 | 291.02 | 332.85 |
| 4.50 | 16 | 64.68 | 72 | 291.06 | — | — | — | — | — | — | 225.60⑤ | 268.22⑤ | 309.50 | 350.00 | 389.97 |
| 4.57 | 21 | 84.89 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | 272.10 |
| 4.62 | 26 | 105.11 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 4.67 | 18 | 72.77 | 84 | 339.57 | — | — | — | — | — | — | — | — | 250.18⑤ | 293.54 | 335.42 |
| 4.80 | 25 | 101.06 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 4.80 | 20 | 80.85 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | 274.52 |
| 4.80 | 15 | 60.64 | 72 | 291.06 | — | — | — | — | — | — | 228.08⑤ | 270.76⑤ | 312.11⑤ | 352.66⑤ | 392.67 |
| 5.00 | 24 | 97.02 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 5.05 | 19 | 76.81 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | 276.94 |
| 5.14 | 14 | 56.60 | 72 | 291.06 | — | — | — | — | — | — | 230.54④ | 273.31⑤ | 314.71⑤ | 355.31⑤ | 395.37⑤ |
| 5.25 | 16 | 64.68 | 84 | 339.57 | — | — | — | — | — | — | — | — | 255.07⑤ | 298.56⑤ | 340.56⑤ |
| 5.33 | 18 | 72.77 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | 279.36⑤ |
| 5.45 | 22 | 88.94 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 5.60 | 15 | 60.64 | 84 | 339.57 | — | — | — | — | — | — | — | — | 257.51④ | 301.07⑤ | 343.13⑤ |
| 5.71 | 21 | 84.89 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 6.00 | 20 | 80.85 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 6.00 | 16 | 64.68 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | — | 284.20⑤ |
| 6.00 | 14 | 56.60 | 84 | 339.57 | — | — | — | — | — | — | — | 213.46④ | 259.94④ | 303.58④ | 345.70⑤ |
| 6.32 | 19 | 76.81 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 6.40 | 15 | 60.64 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | 239.26④ | 286.61④ |
| 6.67 | 18 | 72.77 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 6.86 | 14 | 56.60 | 96 | 388.08 | — | — | — | — | — | — | — | — | — | 241.60③ | 289.03④ |
| 7.50 | 16 | 64.68 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 8.00 | 15 | 60.64 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |
| 8.57 | 14 | 56.60 | 120 | 485.10 | — | — | — | — | — | — | — | — | — | — | — |

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 補正係数 (Km) | 6以上 | ⑤ | ④ | ③ | ② |
|---------------------|-----|-----|-----|-----|-----|
| | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm | | | | | | | | | | | | | | 回転比 |
|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------|
| 570H 114歯 1447.80 | 600H 120歯 1524.00 | 630H 126歯 11600.20 | 660H 132歯 1676.40 | 700H 140歯 1778.00 | 750H 150歯 1905.00 | 800H 160歯 2032.00 | 850H 170歯 2159.00 | 900H 180歯 2286.00 | 1000H 200歯 2540.00 | 1100H 220歯 2794.00 | 1250H 250歯 3175.00 | 1400H 280歯 3556.00 | 1700H 340歯 4318.00 | |
| 512.64 | 551.08 | 589.48 | 627.84 | 678.94 | 742.76 | 806.52 | 870.25 | 933.95 | 1061.27 | 1188.52 | 1379.31 | 1570.03 | 1951.34 | 3.33 |
| 357.96 | 398.06 | 437.78 | 477.22 | 529.50 | 594.46 | 659.14 | 723.60 | 787.90 | 916.16 | 1044.11 | 1235.67 | 1426.94 | 1808.99 | 3.36 |
| 298.56 | 340.56 | 381.65 | 422.12 | 475.43 | 541.35 | 606.73 | 671.74 | 736.47 | 865.38 | 993.80 | 1185.83 | 1377.44 | 1759.93 | 3.43 |
| 415.85 | 455.05 | 494.07 | 532.96 | 584.64 | 649.04 | 713.28 | 777.39 | 841.41 | 969.24 | 1096.88 | 1288.10 | 1479.13 | 1860.87 | 3.43 |
| 522.53 | 560.94 | 599.31 | 637.65 | 688.72 | 752.51 | 816.26 | 879.97 | 943.65 | 1070.95 | 1198.18 | 1388.95 | 1579.66 | 1960.95 | 3.43 |
| 360.61 | 400.75 | 440.51 | 479.98 | 532.28 | 597.29 | 661.99 | 726.48 | 790.80 | 919.10 | 1047.08 | 1238.66 | 1429.96 | 1812.04 | 3.50 |
| — | — | — | — | 357.83 | 428.27 | 496.63 | 563.75 | 630.07 | 761.20 | 891.10 | 1084.62 | 1277.22 | 1660.95 | 3.53 |
| 515.57 | 554.02 | 592.43 | 630.80 | 681.92 | 745.75 | 809.53 | 873.27 | 936.97 | 1064.31 | 1191.58 | 1382.38 | 1573.12 | 1954.45 | 3.57 |
| 418.60 | 457.84 | 496.88 | 535.79 | 587.50 | 651.93 | 716.19 | 780.32 | 844.36 | 972.22 | 1099.88 | 1291.12 | 1482.17 | 1863.94 | 3.60 |
| 303.58 | 345.70 | 386.88 | 427.43 | 480.83 | 546.85 | 612.30 | 677.37 | 742.16 | 871.16 | 999.64 | 1191.75 | 1383.41 | 1765.98 | 3.69 |
| — | — | — | — | 362.80 | 433.40 | 501.88 | 569.10 | 635.51 | 766.77 | 896.76 | 1090.39 | 1283.07 | 1666.91 | 3.75 |
| 474.26 | 512.99 | 551.63 | 590.20 | 641.54 | 705.60 | 769.56 | 833.45 | 897.29 | 1024.84 | 1152.27 | 1343.26 | 1534.12 | 1915.64 | 3.75 |
| 421.36 | 460.62 | 499.69 | 538.62 | 590.36 | 654.81 | 719.10 | 783.25 | 847.30 | 975.19 | 1102.87 | 1294.14 | 1485.21 | 1867.00 | 3.79 |
| 365.89 | 406.11 | 445.94 | 485.48 | 537.85 | 602.93 | 667.69 | 732.23 | 796.59 | 924.96 | 1052.99 | 1244.64 | 1435.98 | 1818.13 | 3.82 |
| 306.08 | 348.26 | 389.49 | 430.08 | 483.53 | 549.59 | 615.08 | 680.19 | 745.00 | 874.04 | 1002.55 | 1194.71 | 1386.40 | 1769.00 | 3.84 |
| — | — | — | — | 367.76 | 438.52 | 507.12 | 574.45 | 640.93 | 772.33 | 902.41 | 1096.16 | 1288.91 | 1672.86 | 4.00 |
| 308.58 | 350.81 | 392.09 | 432.73 | 486.22 | 552.33 | 617.86 | 683.00 | 747.84 | 876.92 | 1005.47 | 1197.66 | 1389.38 | 1772.02 | 4.00 |
| 368.52 | 408.79 | 448.65 | 488.22 | 540.63 | 605.74 | 670.53 | 735.10 | 799.48 | 927.89 | 1055.95 | 1247.63 | 1438.99 | 1821.17 | 4.00 |
| 424.10 | 463.40 | 502.50 | 541.45 | 593.21 | 657.69 | 722.00 | 786.17 | 850.24 | 978.16 | 1105.86 | 1297.16 | 1488.25 | 1870.06 | 4.00 |
| 477.10 | 515.86 | 554.52 | 593.10 | 644.46 | 708.54 | 772.52 | 836.43 | 900.28 | 1027.85 | 1155.29 | 1346.30 | 1537.18 | 1918.72 | 4.00 |
| 371.16 | 411.46 | 451.36 | 490.96 | 543.40 | 608.55 | 673.37 | 737.96 | 802.37 | 930.81 | 1058.90 | 1250.61 | 1442.00 | 1824.21 | 4.20 |
| — | — | — | 313.07 | 372.71 | 443.63 | 512.35 | 579.78 | 646.35 | 777.87 | 908.06 | 1101.91 | 1294.75 | 1678.80 | 4.29 |
| 479.94 | 518.72 | 557.40 | 596.00 | 647.37 | 711.47 | 775.48 | 839.40 | 903.26 | 1030.86 | 1158.32 | 1349.35 | 1540.24 | 1921.80 | 4.29 |
| 313.58 | 355.92 | 397.29 | 438.01 | 491.60 | 557.80 | 623.41 | 688.61 | 753.50 | 882.68 | 1011.29 | 1203.56 | 1395.33 | 1778.06 | 4.36 |
| 373.79 | 414.13 | 454.07 | 493.69 | 546.17 | 611.36 | 676.21 | 740.82 | 805.26 | 933.73 | 1061.85 | 1253.59 | 1445.00 | 1827.25 | 4.42 |
| 429.59 | 468.94 | 508.09 | 547.09 | 598.90 | 663.44 | 727.80 | 792.01 | 856.12 | 984.09 | 1111.84 | 1303.18 | 1494.31 | 1876.19 | 4.50 |
| 316.07 | 358.47 | 399.89 | 440.65 | 494.28 | 560.53 | 626.17 | 691.41 | 756.33 | 885.55 | 1014.20 | 1206.50 | 1398.31 | 1781.07 | 4.57 |
| — | — | — | 317.87 | 377.66 | 448.73 | 517.58 | 585.10 | 651.76 | 783.41 | 913.70 | 1107.65 | 1300.57 | 1684.74 | 4.62 |
| 376.41 | 416.80 | 456.77 | 496.43 | 548.94 | 614.16 | 679.05 | 743.68 | 808.14 | 936.65 | 1064.79 | 1256.57 | 1448.00 | 1830.29 | 4.67 |
| — | — | — | 320.26 | 380.13 | 451.27 | 520.18 | 587.76 | 654.46 | 786.17 | 916.51 | 1110.52 | 1303.48 | 1687.70 | 4.80 |
| 318.56 | 361.02 | 402.48 | 443.28 | 496.96 | 563.25 | 628.94 | 694.20 | 759.16 | 888.42 | 1017.10 | 1209.44 | 1401.28 | 1784.09 | 4.80 |
| 432.32 | 471.70 | 510.88 | 549.91 | 601.75 | 666.31 | 730.69 | 794.93 | 859.05 | 987.05 | 1114.82 | 1306.19 | 1497.34 | 1879.24 | 4.80 |
| — | — | — | 322.65 | 382.59 | 453.82 | 522.79 | 590.41 | 657.15 | 788.94 | 919.32 | 1113.39 | 1306.39 | 1690.66 | 5.00 |
| 321.05 | 363.56 | 405.08 | 445.91 | 499.63 | 565.98 | 631.70 | 697.00 | 761.98 | 891.29 | 1020.00 | 1212.39 | 1404.25 | 1787.10 | 5.05 |
| 435.05⑤ | 474.47⑤ | 513.67⑤ | 552.72 | 604.58 | 669.18 | 733.58 | 797.84 | 861.98 | 990.01 | 1117.80 | 1309.20 | 1500.37 | 1882.30 | 5.14 |
| 381.65 | 422.12 | 462.16 | 501.88 | 554.46 | 619.76 | 684.70 | 749.40 | 813.89 | 942.48 | 1070.68 | 1262.52 | 1454.00 | 1836.36 | 5.25 |
| 323.54 | 366.10 | 407.66 | 448.54 | 502.31 | 568.70 | 634.46 | 699.79 | 764.80 | 894.15 | 1022.90 | 1215.32 | 1407.22 | 1790.11 | 5.33 |
| — | — | — | 327.43 | 387.52 | 458.90 | 527.99 | 595.72 | 662.54 | 794.46 | 924.94 | 1119.12 | 1312.20 | 1696.59 | 5.45 |
| 384.27⑤ | 424.78⑤ | 464.85 | 504.60 | 557.22 | 622.55 | 687.53 | 752.25 | 816.77 | 945.39 | 1073.62 | 1265.49 | 1457.00 | 1839.39 | 5.60 |
| — | — | — | 329.82 | 389.99 | 461.44 | 530.59 | 598.37 | 665.23 | 797.21 | 927.74 | 1121.98 | 1315.10 | 1699.54 | 5.71 |
| — | — | — | 332.21 | 392.45 | 463.97 | 533.19 | 601.01 | 667.92 | 799.96 | 930.55 | 1124.84 | 1318.00 | 1702.50 | 6.00 |
| 328.50⑤ | 371.18⑤ | 412.83 | 453.79 | 507.65 | 574.13 | 639.97 | 705.37 | 770.43 | 899.87 | 1028.69 | 1221.19 | 1413.15 | 1796.12 | 6.00 |
| 386.88⑤ | 427.43⑤ | 467.54⑤ | 507.32⑤ | 559.98⑤ | 625.34⑤ | 690.35 | 755.09 | 819.64 | 948.29 | 1076.55 | 1268.46 | 1459.99 | 1842.42 | 6.00 |
| — | — | — | 334.60⑤ | 394.91 | 466.51 | 535.78 | 603.65 | 670.60 | 802.72 | 933.35 | 1127.70 | 1320.90 | 1705.46 | 6.32 |
| 330.98⑤ | 373.71⑤ | 415.41⑤ | 456.41⑤ | 510.31⑤ | 576.84 | 642.72 | 708.15 | 773.24 | 902.73 | 1031.58 | 1224.13 | 1416.11 | 1799.13 | 6.40 |
| — | — | — | 336.98⑤ | 397.37 | 469.04 | 538.37 | 606.30 | 673.28 | 805.46 | 936.15 | 1130.55 | 1323.80 | 1708.41 | 6.67 |
| 333.46④ | 376.24⑤ | 417.99⑤ | 459.03⑤ | 512.97⑤ | 579.55⑤ | 645.47⑤ | 710.93⑤ | 776.05 | 905.58 | 1034.47 | 1227.06 | 1419.07 | 1802.13 | 6.86 |
| — | — | 292.85④ | 341.75④ | 402.28⑤ | 474.10⑤ | 543.55 | 611.57 | 678.64 | 810.95 | 941.74 | 1136.25 | 1329.58 | 1714.31 | 7.50 |
| — | — | 295.18③ | 344.13④ | 404.73④ | 476.62⑤ | 546.14⑤ | 614.21⑤ | 681.32 | 813.70 | 944.53 | 1139.10 | 1332.47 | 1717.26 | 8.00 |
| — | — | 297.50③ | 346.51④ | 407.18④ | 479.15⑤ | 548.72⑤ | 616.84⑤ | 683.99⑤ | 816.44⑤ | 947.32⑤ | 1141.95 | 1335.36 | 1720.21 | 8.57 |

Timing Belt Type G ■設計資料編

XH

設計表

1.00~2.80

表22-① XH 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離mm | | | | | | |
|------|--------|------------|------|------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 463XH 53歯 1177.92 | 507XH 58歯 1289.05 | 560XH 64歯 1422.40 | 630XH 72歯 1600.20 | 700XH 80歯 1778.00 | 735XH 84歯 1866.90 | 770XH 88歯 1955.80 |
| 1.00 | 40 | 282.98 | 40 | 282.98 | — | — | — | 355.60 | 444.50 | 488.95 | 533.40 |
| 1.00 | 32 | 226.38 | 32 | 226.38 | — | 288.93 | 355.60 | 444.50 | 533.40 | 577.85 | 622.30 |
| 1.00 | 30 | 212.23 | 30 | 212.23 | 255.59 | 311.15 | 377.83 | 466.73 | 555.63 | 600.08 | 644.53 |
| 1.00 | 28 | 198.08 | 28 | 198.08 | 277.81 | 333.38 | 400.05 | 488.95 | 577.85 | 622.30 | 666.75 |
| 1.00 | 26 | 183.94 | 26 | 183.94 | 300.04 | 355.60 | 422.28 | 511.18 | 600.08 | 644.53 | 688.98 |
| 1.00 | 24 | 169.79 | 24 | 169.79 | 322.26 | 377.83 | 444.50 | 533.40 | 622.30 | 666.75 | 711.20 |
| 1.00 | 22 | 155.64 | 22 | 155.64 | 344.49 | 400.05 | 466.73 | 555.63 | 644.53 | 688.98 | 733.43 |
| 1.00 | 20 | 141.49 | 20 | 141.49 | 366.71 | 422.28 | 488.95 | 577.85 | 666.75 | 711.20 | 755.65 |
| 1.00 | 18 | 127.34 | 18 | 127.34 | 388.94 | 444.50 | 511.18 | 600.08 | 688.98 | 733.43 | 777.88 |
| 1.07 | 30 | 212.23 | 32 | 226.38 | 244.37 | 299.95 | 366.64 | 455.56 | 544.47 | 588.92 | 633.37 |
| 1.07 | 28 | 198.08 | 30 | 212.23 | 266.61 | 322.18 | 388.87 | 477.79 | 566.69 | 611.15 | 655.60 |
| 1.08 | 26 | 183.94 | 28 | 198.08 | 288.84 | 344.41 | 411.10 | 500.01 | 588.92 | 633.37 | 677.83 |
| 1.08 | 24 | 169.79 | 26 | 183.94 | 311.07 | 366.64 | 433.33 | 522.24 | 611.15 | 655.60 | 700.05 |
| 1.09 | 22 | 155.64 | 24 | 169.79 | 333.30 | 388.87 | 455.56 | 544.47 | 633.37 | 677.83 | 722.28 |
| 1.10 | 20 | 141.49 | 22 | 155.64 | 355.53 | 411.10 | 477.79 | 566.69 | 655.60 | 700.05 | 744.50 |
| 1.11 | 18 | 127.34 | 20 | 141.49 | 377.76 | 433.33 | 500.01 | 588.92 | 677.83 | 722.28 | 766.73 |
| 1.14 | 28 | 198.08 | 32 | 226.38 | 255.20 | 310.83 | 377.56 | 466.51 | 555.44 | 599.91 | 644.37 |
| 1.15 | 26 | 183.94 | 30 | 212.23 | 277.45 | 333.07 | 399.80 | 488.75 | 577.68 | 622.14 | 666.60 |
| 1.17 | 24 | 169.79 | 28 | 198.08 | 299.70 | 355.32 | 422.04 | 510.98 | 599.91 | 644.37 | 688.83 |
| 1.18 | 22 | 155.64 | 26 | 183.94 | 321.95 | 377.56 | 444.27 | 533.21 | 622.14 | 666.60 | 711.06 |
| 1.20 | 40 | 282.98 | 48 | 339.57 | — | — | — | — | 399.05 | 443.60 | 488.13 |
| 1.20 | 20 | 141.49 | 24 | 169.79 | 344.20 | 399.80 | 466.51 | 555.44 | 644.37 | 688.83 | 733.29 |
| 1.22 | 18 | 127.34 | 22 | 155.64 | 366.44 | 422.04 | 488.75 | 577.68 | 666.60 | 711.06 | 755.52 |
| 1.23 | 26 | 183.94 | 32 | 226.38 | 265.85 | 321.56 | 388.36 | 477.37 | 566.34 | 610.82 | 655.29 |
| 1.25 | 32 | 226.38 | 40 | 282.98 | — | — | 309.86 | 399.05 | 488.13 | 532.65 | 577.16 |
| 1.25 | 24 | 169.79 | 30 | 212.23 | 288.14 | 343.83 | 410.61 | 499.61 | 588.58 | 633.06 | 677.53 |
| 1.27 | 22 | 155.64 | 28 | 198.08 | 310.42 | 366.10 | 432.87 | 521.86 | 610.82 | 655.29 | 699.77 |
| 1.30 | 20 | 141.49 | 26 | 183.94 | 332.70 | 388.36 | 455.12 | 544.10 | 633.06 | 677.53 | 722.00 |
| 1.33 | 30 | 212.23 | 40 | 282.98 | — | — | 320.31 | 409.64 | 498.81 | 543.36 | 587.90 |
| 1.33 | 24 | 169.79 | 32 | 226.38 | 276.36 | 332.17 | 399.05 | 488.13 | 577.16 | 621.66 | 666.15 |
| 1.33 | 18 | 127.34 | 24 | 169.79 | 354.97 | 410.61 | 477.37 | 566.34 | 655.29 | 699.77 | 744.23 |
| 1.36 | 22 | 155.64 | 30 | 212.23 | 298.70 | 354.47 | 421.32 | 510.39 | 599.41 | 643.90 | 688.39 |
| 1.40 | 20 | 141.49 | 28 | 198.08 | 321.02 | 376.76 | 443.60 | 532.65 | 621.66 | 666.15 | 710.64 |
| 1.43 | 28 | 198.08 | 40 | 282.98 | — | 263.28 | 330.65 | 420.13 | 509.41 | 554.00 | 598.57 |
| 1.44 | 18 | 127.34 | 26 | 183.94 | 343.32 | 399.05 | 465.87 | 554.90 | 643.90 | 688.39 | 732.88 |
| 1.45 | 22 | 155.64 | 32 | 226.38 | 286.74 | 342.66 | 409.64 | 498.81 | 587.90 | 632.42 | 676.94 |
| 1.50 | 40 | 282.98 | 60 | 424.47 | — | — | — | — | — | 371.08 | 416.26 |
| 1.50 | 32 | 226.38 | 48 | 339.57 | — | — | — | 351.04 | 440.87 | 485.65 | 530.38 |
| 1.50 | 20 | 141.49 | 30 | 212.23 | 309.13 | 365.00 | 431.94 | 521.09 | 610.16 | 654.68 | 699.19 |
| 1.54 | 26 | 183.94 | 40 | 282.98 | — | 273.33 | 340.89 | 430.54 | 519.93 | 564.57 | 609.17 |
| 1.56 | 18 | 127.34 | 28 | 198.08 | 331.49 | 387.32 | 454.24 | 543.36 | 632.42 | 676.94 | 721.45 |
| 1.60 | 30 | 212.23 | 48 | 339.57 | — | — | — | 361.10 | 451.12 | 495.98 | 540.76 |
| 1.60 | 20 | 141.49 | 32 | 226.38 | 297.00 | 353.05 | 420.13 | 509.41 | 598.57 | 643.12 | 687.66 |
| 1.67 | 24 | 169.79 | 40 | 282.98 | — | 283.27 | 351.04 | 440.87 | 530.38 | 575.07 | 619.72 |
| 1.67 | 18 | 127.34 | 30 | 212.23 | 319.44 | 375.43 | 442.46 | 531.71 | 620.85 | 665.40 | 709.93 |
| 1.71 | 28 | 198.08 | 48 | 339.57 | — | — | 279.99 | 371.08 | 461.30 | 506.23 | 551.08 |
| 1.78 | 18 | 127.34 | 32 | 226.38 | 307.16 | 363.34 | 430.54 | 519.93 | 609.17 | 653.76 | 698.33 |
| 1.80 | 40 | 282.98 | 72 | 509.36 | — | — | — | — | — | — | — |
| 1.82 | 22 | 155.64 | 40 | 282.98 | 235.88 | 293.12 | 361.10 | 451.12 | 540.76 | 585.50 | 630.20 |
| 1.85 | 26 | 183.94 | 48 | 339.57 | — | — | 289.58 | 380.99 | 471.41 | 516.42 | 561.34 |
| 1.88 | 32 | 226.38 | 60 | 424.47 | — | — | — | — | 364.36 | 410.32 | 455.97 |
| 2.00 | 30 | 212.23 | 60 | 424.47 | — | — | — | — | 373.88 | 419.98 | 465.75 |
| 2.00 | 24 | 169.79 | 48 | 339.57 | — | — | 299.10 | 390.83 | 481.47 | 526.56 | 571.55 |
| 2.00 | 20 | 141.49 | 40 | 282.98 | 245.39 | 302.89 | 371.08 | 461.30 | 551.08 | 595.88 | 640.62 |
| 2.10 | 40 | 282.98 | 84 | 594.25 | — | — | — | — | — | — | — |
| 2.14 | 28 | 198.08 | 60 | 424.47 | — | — | — | — | 383.34 | 429.59 | 475.48 |
| 2.18 | 22 | 155.64 | 48 | 339.57 | — | — | 308.56 | 400.61 | 491.46 | 536.63 | 581.69 |
| 2.22 | 18 | 127.34 | 40 | 282.98 | 254.82 | 312.58 | 380.99 | 471.41 | 561.34 | 606.19 | 650.99 |
| 2.25 | 32 | 226.38 | 72 | 509.36 | — | — | — | — | — | — | — |
| 2.31 | 26 | 183.94 | 60 | 424.47 | — | — | — | — | 392.75 | 439.14 | 485.16 |
| 2.40 | 40 | 282.98 | 96 | 679.15 | — | — | — | — | — | — | — |
| 2.40 | 30 | 212.23 | 72 | 509.36 | — | — | — | — | — | — | 382.30 |
| 2.40 | 20 | 141.49 | 48 | 339.57 | — | — | 317.95 | 410.32 | 501.39 | 546.65 | 591.79 |
| 2.50 | 24 | 169.79 | 60 | 424.47 | — | — | — | — | 402.11 | 448.65 | 494.79 |
| 2.57 | 28 | 198.08 | 72 | 509.36 | — | — | — | — | — | — | 391.32 |
| 2.63 | 32 | 226.38 | 84 | 594.25 | — | — | — | — | — | — | — |
| 2.67 | 18 | 127.34 | 48 | 339.57 | — | 255.80 | 327.28 | 419.98 | 511.28 | 556.62 | 601.83 |
| 2.73 | 22 | 155.64 | 60 | 424.47 | — | — | — | 315.89 | 411.43 | 458.12 | 504.38 |
| 2.77 | 26 | 183.94 | 72 | 509.36 | — | — | — | — | — | — | 400.32 |
| 2.80 | 30 | 212.23 | 84 | 594.25 | — | — | — | — | — | — | — |

| 軸 間 距 離 mm | | | | | | | | 回転比 |
|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------|
| 840XH 96歯 2133.60 | 927XH 106歯 2355.85 | 980XH 112歯 2489.20 | 1120XH 128歯 2844.80 | 1260XH 144歯 3200.40 | 1400XH 160歯 3556.00 | 1540XH 176歯 3911.60 | 1750XH 200歯 4445.00 | |
| 622.30 | 733.43 | 800.10 | 977.90 | 1155.70 | 1333.50 | 1511.30 | 1778.00 | 1.00 |
| 711.20 | 822.33 | 889.00 | 1066.80 | 1244.60 | 1422.40 | 1600.20 | 1866.90 | 1.00 |
| 733.43 | 844.55 | 911.23 | 1089.03 | 1266.83 | 1444.63 | 1622.43 | 1889.13 | 1.00 |
| 755.65 | 866.78 | 933.45 | 1111.25 | 1289.05 | 1466.85 | 1644.65 | 1911.35 | 1.00 |
| 777.88 | 889.00 | 955.68 | 1133.48 | 1311.28 | 1489.08 | 1666.88 | 1933.58 | 1.00 |
| 800.10 | 911.23 | 977.90 | 1155.70 | 1333.50 | 1511.30 | 1689.10 | 1955.80 | 1.00 |
| 822.33 | 933.45 | 1000.13 | 1177.93 | 1355.73 | 1533.53 | 1711.33 | 1978.03 | 1.00 |
| 844.55 | 955.68 | 1022.35 | 1200.15 | 1377.95 | 1555.75 | 1733.55 | 2000.25 | 1.00 |
| 866.78 | 977.90 | 1044.58 | 1222.38 | 1400.18 | 1577.98 | 1755.78 | 2022.48 | 1.00 |
| 722.28 | 833.41 | 900.08 | 1077.89 | 1255.69 | 1433.50 | 1611.30 | 1878.00 | 1.07 |
| 744.50 | 855.63 | 922.31 | 1100.11 | 1277.92 | 1455.72 | 1633.52 | 1900.22 | 1.07 |
| 766.73 | 877.86 | 944.54 | 1122.34 | 1300.14 | 1477.95 | 1655.75 | 1922.45 | 1.08 |
| 788.96 | 900.08 | 966.76 | 1144.57 | 1322.37 | 1500.17 | 1677.97 | 1944.67 | 1.08 |
| 811.18 | 922.31 | 988.99 | 1166.79 | 1344.59 | 1522.40 | 1700.20 | 1966.90 | 1.09 |
| 833.41 | 944.54 | 1011.21 | 1189.02 | 1366.82 | 1544.62 | 1722.42 | 1989.12 | 1.10 |
| 855.63 | 966.76 | 1033.44 | 1211.24 | 1389.04 | 1566.85 | 1744.65 | 2011.35 | 1.11 |
| 733.29 | 844.43 | 911.12 | 1088.93 | 1266.75 | 1444.56 | 1622.36 | 1889.07 | 1.14 |
| 755.52 | 866.66 | 933.34 | 1111.16 | 1288.97 | 1466.78 | 1644.59 | 1911.30 | 1.15 |
| 777.75 | 888.89 | 955.57 | 1133.39 | 1311.20 | 1489.01 | 1666.81 | 1933.52 | 1.17 |
| 799.97 | 911.12 | 977.80 | 1155.61 | 1333.42 | 1511.23 | 1689.04 | 1955.75 | 1.18 |
| 577.16 | 688.39 | 755.12 | 933.02 | 1110.89 | 1288.74 | 1466.58 | 1733.32 | 1.20 |
| 822.20 | 933.34 | 1000.03 | 1177.84 | 1355.65 | 1533.46 | 1711.27 | 1977.97 | 1.20 |
| 844.43 | 955.57 | 1022.25 | 1200.07 | 1377.88 | 1555.69 | 1733.49 | 2000.20 | 1.22 |
| 744.23 | 855.40 | 922.09 | 1099.93 | 1277.76 | 1455.58 | 1633.40 | 1900.12 | 1.23 |
| 666.15 | 777.36 | 844.08 | 1021.96 | 1199.82 | 1377.66 | 1555.49 | 1822.23 | 1.25 |
| 766.47 | 877.63 | 944.32 | 1122.16 | 1299.99 | 1477.81 | 1655.63 | 1922.35 | 1.25 |
| 788.70 | 899.86 | 966.55 | 1144.39 | 1322.22 | 1500.04 | 1677.85 | 1944.57 | 1.27 |
| 810.93 | 922.09 | 988.78 | 1166.62 | 1344.44 | 1522.26 | 1700.08 | 1966.80 | 1.30 |
| 676.94 | 788.19 | 854.93 | 1032.86 | 1210.75 | 1388.61 | 1566.46 | 1833.22 | 1.33 |
| 755.12 | 866.31 | 933.02 | 1110.89 | 1288.74 | 1466.58 | 1644.41 | 1911.14 | 1.33 |
| 833.17 | 944.32 | 1011.01 | 1188.85 | 1366.67 | 1544.49 | 1722.31 | 1989.02 | 1.33 |
| 777.36 | 888.55 | 955.26 | 1133.12 | 1310.97 | 1488.81 | 1666.63 | 1933.37 | 1.36 |
| 799.60 | 910.79 | 977.49 | 1155.35 | 1333.20 | 1511.04 | 1688.86 | 1955.60 | 1.40 |
| 687.66 | 798.97 | 865.73 | 1043.71 | 1221.64 | 1399.53 | 1577.40 | 1844.19 | 1.43 |
| 821.84 | 933.02 | 999.72 | 1177.58 | 1355.43 | 1533.26 | 1711.09 | 1977.82 | 1.44 |
| 765.95 | 877.17 | 943.90 | 1121.80 | 1299.68 | 1477.54 | 1655.38 | 1922.14 | 1.45 |
| 506.23 | 618.25 | 685.32 | 863.88 | 1042.17 | 1220.32 | 1398.39 | 1665.37 | 1.50 |
| 619.72 | 731.23 | 798.09 | 976.26 | 1154.31 | 1332.30 | 1510.24 | 1777.10 | 1.50 |
| 788.19 | 899.42 | 966.14 | 1144.04 | 1321.91 | 1499.77 | 1677.61 | 1944.37 | 1.50 |
| 698.33 | 809.70 | 876.49 | 1054.52 | 1232.49 | 1410.42 | 1588.32 | 1855.13 | 1.54 |
| 810.44 | 921.66 | 988.38 | 1166.28 | 1344.15 | 1522.00 | 1699.84 | 1966.59 | 1.56 |
| 630.20 | 741.81 | 808.71 | 986.96 | 1165.07 | 1343.10 | 1521.08 | 1787.98 | 1.60 |
| 776.72 | 887.99 | 954.73 | 1132.68 | 1310.59 | 1488.47 | 1666.33 | 1933.11 | 1.60 |
| 708.94 | 820.37 | 887.19 | 1065.30 | 1243.31 | 1421.27 | 1599.20 | 1866.04 | 1.67 |
| 798.97 | 910.24 | 976.98 | 1154.92 | 1332.82 | 1510.70 | 1688.57 | 1955.34 | 1.67 |
| 640.62 | 752.32 | 819.27 | 997.62 | 1175.80 | 1353.88 | 1531.89 | 1798.83 | 1.71 |
| 787.43 | 898.75 | 965.52 | 1143.52 | 1321.46 | 1499.37 | 1677.26 | 1944.06 | 1.78 |
| 429.59 | 543.85 | 611.83 | 792.01 | 971.30 | 1150.13 | 1328.68 | 1596.19 | 1.80 |
| 719.50 | 831.00 | 897.85 | 1076.03 | 1254.10 | 1432.10 | 1610.05 | 1876.93 | 1.82 |
| 650.99 | 762.79 | 829.79 | 1008.23 | 1186.49 | 1364.62 | 1542.67 | 1809.66 | 1.85 |
| 546.65 | 659.31 | 726.68 | 905.81 | 1084.50 | 1262.94 | 1441.22 | 1708.45 | 1.88 |
| 556.62 | 669.45 | 736.90 | 916.19 | 1095.00 | 1273.52 | 1451.86 | 1719.16 | 2.00 |
| 661.30 | 773.21 | 840.26 | 1018.81 | 1197.14 | 1375.33 | 1553.43 | 1820.47 | 2.00 |
| 730.00 | 841.58 | 908.47 | 1086.72 | 1264.85 | 1442.89 | 1620.88 | 1887.80 | 2.00 |
| — | 462.78 | 532.90 | 716.52 | 897.73 | 1077.79 | 1257.19 | 1525.59 | 2.10 |
| 566.54 | 679.55 | 747.08 | 926.54 | 1105.46 | 1284.06 | 1462.47 | 1729.85 | 2.14 |
| 671.57 | 783.59 | 850.69 | 1029.35 | 1207.76 | 1386.01 | 1564.16 | 1831.25 | 2.18 |
| 740.45 | 852.11 | 919.04 | 1097.38 | 1275.56 | 1453.65 | 1631.68 | 1898.64 | 2.22 |
| 467.54 | 582.90 | 651.38 | 832.53 | 1012.46 | 1191.75 | 1370.65 | 1638.54 | 2.25 |
| 576.42 | 689.60 | 757.21 | 936.84 | 1115.88 | 1294.58 | 1473.05 | 1740.51 | 2.31 |
| — | — | — | 635.90 | 820.64 | 1002.79 | 1183.57 | 1453.35 | 2.40 |
| 476.92 | 592.56 | 661.17 | 842.56 | 1022.67 | 1202.08 | 1381.07 | 1649.07 | 2.40 |
| 681.78 | 793.92 | 861.08 | 1039.86 | 1218.35 | 1396.66 | 1574.86 | 1842.01 | 2.40 |
| 586.25 | 699.61 | 767.31 | 947.11 | 1126.28 | 1305.06 | 1483.61 | 1751.15 | 2.50 |
| 486.27 | 602.19 | 670.92 | 852.57 | 1032.85 | 1212.39 | 1391.47 | 1659.58 | 2.57 |
| — | 499.54 | 570.42 | 755.48 | 937.63 | 1118.35 | 1298.25 | 1567.18 | 2.63 |
| 691.95 | 804.21 | 871.43 | 1050.33 | 1228.91 | 1407.29 | 1585.54 | 1852.75 | 2.67 |
| 596.03 | 709.58 | 777.37 | 957.35 | 1136.64 | 1315.52 | 1494.14 | 1761.76 | 2.73 |
| 495.58 | 611.77 | 680.64 | 862.54 | 1043.00 | 1222.66 | 1401.84 | 1670.06 | 2.77 |
| — | 508.65 | 579.72 | 765.15 | 947.54 | 1128.42 | 1308.45 | 1577.52 | 2.80 |

Timing Belt Type G ■設計資料編

XH

設計表

3.00~6.67

表22-② XH 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | |
|------|--------|---------|------|---------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 463XH 53歯 1177.92 | 507XH 58歯 1289.05 | 560XH 64歯 1422.40 | 630XH 72歯 1600.20 | 700XH 80歯 1778.00 | 735XH 84歯 1866.90 | 770XH 88歯 1955.80 |
| 3.00 | 40 | 282.98 | 120 | 848.93 | — | — | — | — | — | — | — |
| 3.00 | 32 | 226.38 | 96 | 679.15 | — | — | — | — | — | — | — |
| 3.00 | 28 | 198.08 | 84 | 594.25 | — | — | — | — | — | — | — |
| 3.00 | 24 | 169.79 | 72 | 509.36 | — | — | — | — | — | 360.01 | 409.28 |
| 3.00 | 20 | 141.49 | 60 | 424.47 | — | — | — | 324.78 | 420.71 | 467.54 | 513.92 |
| 3.20 | 30 | 212.23 | 96 | 679.15 | — | — | — | — | — | — | — |
| 3.23 | 26 | 183.94 | 84 | 594.25 | — | — | — | — | — | — | — |
| 3.27 | 22 | 155.64 | 72 | 509.36 | — | — | — | — | — | 368.75 | 418.22 |
| 3.33 | 18 | 127.34 | 60 | 424.47 | — | — | — | 333.64 | 429.95 | 476.92 | 523.43 |
| 3.43 | 28 | 198.08 | 96 | 679.15 | — | — | — | — | — | — | — |
| 3.50 | 24 | 169.79 | 84 | 594.25 | — | — | — | — | — | — | — |
| 3.60 | 20 | 141.49 | 72 | 509.36 | — | — | — | — | — | 377.46 | 427.12 |
| 3.69 | 26 | 183.94 | 96 | 679.15 | — | — | — | — | — | — | — |
| 3.75 | 32 | 226.38 | 120 | 848.93 | — | — | — | — | — | — | — |
| 3.82 | 22 | 155.64 | 84 | 594.25 | — | — | — | — | — | — | — |
| 4.00 | 30 | 212.23 | 120 | 848.93 | — | — | — | — | — | — | — |
| 4.00 | 24 | 169.79 | 96 | 679.15 | — | — | — | — | — | — | — |
| 4.00 | 18 | 127.34 | 72 | 509.36 | — | — | — | — | 334.38 | 386.15 | 436.00 |
| 4.20 | 20 | 141.49 | 84 | 594.25 | — | — | — | — | — | — | — |
| 4.29 | 28 | 198.08 | 120 | 848.93 | — | — | — | — | — | — | — |
| 4.36 | 22 | 155.64 | 96 | 679.15 | — | — | — | — | — | — | — |
| 4.62 | 26 | 183.94 | 120 | 848.93 | — | — | — | — | — | — | — |
| 4.67 | 18 | 127.34 | 84 | 594.25 | — | — | — | — | — | — | — |
| 4.80 | 20 | 141.49 | 96 | 679.15 | — | — | — | — | — | — | — |
| 5.00 | 24 | 169.79 | 120 | 848.93 | — | — | — | — | — | — | — |
| 5.33 | 18 | 127.34 | 96 | 679.15 | — | — | — | — | — | — | — |
| 5.45 | 22 | 155.64 | 120 | 848.93 | — | — | — | — | — | — | — |
| 6.00 | 20 | 141.49 | 120 | 848.93 | — | — | — | — | — | — | — |
| 6.67 | 18 | 127.34 | 120 | 848.93 | — | — | — | — | — | — | — |

XH

3.00~6.67

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 補正係数(Km) | 6以上 | ⑤ | ④ | ③ | ② |
|--------------------|-----|-----|-----|-----|-----|
| | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm 標 準 ベ ル ト 呼 称 | | | | | | | | 回転比 |
|-----------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------|
| 840XH 96歯 2133.60 | 927XH 106歯 2355.85 | 980XH 112歯 2489.20 | 1120XH 128歯 2844.80 | 1260XH 144歯 3200.40 | 1400XH 160歯 3556.00 | 1540XH 176歯 3911.60 | 1750XH 200歯 4445.00 | |
| — | — | — | — | 649.56 | 841.42 | 1027.85 | 1302.77 | 3.00 |
| — | — | 480.02 | 673.13 | 859.18 | 1042.21 | 1223.66 | 1494.15 | 3.00 |
| — | 517.73 | 588.99 | 774.78 | 957.41 | 1138.47 | 1318.62 | 1587.84 | 3.00 |
| 504.85 | 621.33 | 690.32 | 872.48 | 1053.11 | 1232.91 | 1412.19 | 1680.52 | 3.00 |
| 605.78 | 719.51 | 787.39 | 967.55 | 1146.97 | 1325.95 | 1504.65 | 1772.35 | 3.00 |
| — | — | 488.76 | 682.38 | 868.74 | 1052.01 | 1233.62 | 1504.30 | 3.20 |
| 403.45 | 526.79 | 598.23 | 784.38 | 967.26 | 1148.49 | 1328.77 | 1598.14 | 3.23 |
| 514.09 | 630.85 | 699.97 | 882.39 | 1063.20 | 1243.13 | 1422.52 | 1690.96 | 3.27 |
| 615.48 | 729.41 | 797.37 | 977.73 | 1157.28 | 1336.35 | 1515.13 | 1782.92 | 3.33 |
| — | — | 497.48 | 691.60 | 878.29 | 1061.78 | 1243.56 | 1514.42 | 3.43 |
| 412.07 | 535.82 | 607.45 | 793.96 | 977.08 | 1158.48 | 1338.90 | 1608.42 | 3.50 |
| 523.30 | 640.33 | 709.59 | 892.27 | 1073.26 | 1253.33 | 1432.82 | 1701.38 | 3.60 |
| — | — | 506.18 | 700.80 | 887.81 | 1071.53 | 1253.48 | 1524.53 | 3.69 |
| — | — | — | — | 684.92 | 878.29 | 1065.79 | 1341.85 | 3.75 |
| 420.67 | 544.82 | 616.64 | 803.51 | 986.87 | 1168.46 | 1349.01 | 1618.68 | 3.82 |
| — | — | — | — | 693.72 | 887.46 | 1075.23 | 1351.57 | 4.00 |
| — | 436.95 | 514.86 | 709.97 | 897.31 | 1081.26 | 1263.38 | 1534.62 | 4.00 |
| 532.48 | 649.79 | 719.17 | 902.12 | 1083.30 | 1263.50 | 1443.10 | 1711.78 | 4.00 |
| 429.25 | 553.81 | 625.80 | 813.03 | 996.64 | 1178.41 | 1359.10 | 1628.92 | 4.20 |
| — | — | — | — | 702.50 | 896.62 | 1084.66 | 1361.28 | 4.29 |
| — | 445.37 | 523.53 | 719.12 | 906.78 | 1090.96 | 1273.26 | 1544.68 | 4.36 |
| — | — | — | — | 711.27 | 905.76 | 1094.06 | 1370.97 | 4.62 |
| 437.82 | 562.76 | 634.94 | 822.53 | 1006.38 | 1188.33 | 1369.16 | 1639.14 | 4.67 |
| — | 453.77 | 532.18 | 728.26 | 916.24 | 1100.64 | 1283.11 | 1554.73 | 4.80 |
| — | — | — | — | 720.03 | 914.88 | 1103.45 | 1380.64 | 5.00 |
| — | 462.16 | 540.81 | 737.37 | 925.67 | 1110.31 | 1292.95 | 1564.76 | 5.33 |
| — | — | — | 517.26 | 728.77 | 923.99 | 1112.82 | 1390.30 | 5.45 |
| — | — | — | 525.47 | 737.50 | 933.08 | 1122.18 | 1399.94 | 6.00 |
| — | — | — | 533.68 | 746.21 | 942.15 | 1131.52 | 1409.56 | 6.67 |

Timing Belt Type G ■設計資料編

XXH

1.00~5.00

設計表

表23 XXH 設計表

| 回転比 | ブーリ組合せ | | | | 軸間距離 | | | |
|------|--------|------------|------|------------|--------------------------|--------------------------|--------------------------|---------------------------|
| | 小ブーリ | | 大ブーリ | | 標準ベ | | 呼称 | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | 700xxH 56歯 1778.00 | 800xxH 64歯 2032.00 | 900xxH 72歯 2286.00 | 1000xxH 80歯 2540.00 |
| 1.00 | 40 | 404.25 | 40 | 404.25 | — | — | 508.00 | 635.00 |
| 1.00 | 34 | 343.62 | 34 | 343.62 | — | 476.25 | 603.25 | 730.25 |
| 1.00 | 30 | 303.19 | 30 | 303.19 | 412.75 | 539.75 | 666.75 | 793.75 |
| 1.00 | 26 | 262.76 | 26 | 262.76 | 476.25 | 603.25 | 730.25 | 857.25 |
| 1.00 | 24 | 242.55 | 24 | 242.55 | 508.00 | 635.00 | 762.00 | 889.00 |
| 1.00 | 22 | 222.34 | 22 | 222.34 | 539.75 | 666.75 | 793.75 | 920.75 |
| 1.00 | 20 | 202.13 | 20 | 202.13 | 571.50 | 698.50 | 825.50 | 952.50 |
| 1.00 | 18 | 181.91 | 18 | 181.91 | 603.25 | 730.25 | 857.25 | 984.25 |
| 1.08 | 24 | 242.55 | 26 | 262.76 | 492.02 | 619.04 | 746.06 | 873.07 |
| 1.09 | 22 | 222.34 | 24 | 242.55 | 523.78 | 650.80 | 777.81 | 904.82 |
| 1.10 | 20 | 202.13 | 22 | 222.34 | 555.53 | 682.55 | 809.56 | 936.57 |
| 1.11 | 18 | 181.91 | 20 | 202.13 | 587.29 | 714.30 | 841.31 | 968.32 |
| 1.13 | 30 | 303.19 | 34 | 343.62 | 380.46 | 507.60 | 634.68 | 761.73 |
| 1.15 | 26 | 262.76 | 30 | 303.19 | 444.04 | 571.14 | 698.21 | 825.25 |
| 1.18 | 34 | 343.62 | 40 | 404.25 | — | 427.55 | 554.80 | 681.95 |
| 1.18 | 22 | 222.34 | 26 | 262.76 | 507.60 | 634.68 | 761.73 | 888.77 |
| 1.20 | 40 | 404.25 | 48 | 485.10 | — | — | — | 570.07 |
| 1.20 | 20 | 202.13 | 24 | 242.55 | 539.37 | 666.44 | 793.49 | 920.53 |
| 1.22 | 18 | 181.91 | 22 | 222.34 | 571.14 | 698.21 | 825.25 | 952.29 |
| 1.25 | 24 | 242.55 | 30 | 303.19 | 459.37 | 586.59 | 713.73 | 840.83 |
| 1.30 | 20 | 202.13 | 26 | 262.76 | 523.00 | 650.17 | 777.28 | 904.37 |
| 1.31 | 26 | 262.76 | 34 | 343.62 | 410.76 | 538.23 | 665.52 | 792.72 |
| 1.33 | 30 | 303.19 | 40 | 404.25 | — | 457.58 | 585.19 | 712.58 |
| 1.33 | 18 | 181.91 | 24 | 242.55 | 554.80 | 681.95 | 809.06 | 936.13 |
| 1.36 | 22 | 222.34 | 30 | 303.19 | 474.53 | 601.89 | 729.13 | 856.30 |
| 1.41 | 34 | 343.62 | 48 | 485.10 | — | — | 486.99 | 615.06 |
| 1.42 | 24 | 242.55 | 34 | 343.62 | 425.63 | 553.32 | 680.75 | 808.04 |
| 1.44 | 18 | 181.91 | 26 | 262.76 | 538.23 | 665.52 | 792.72 | 919.86 |
| 1.50 | 40 | 404.25 | 60 | 606.38 | — | — | — | — |
| 1.50 | 20 | 202.13 | 30 | 303.19 | 489.52 | 617.06 | 744.41 | 871.66 |
| 1.54 | 26 | 262.76 | 40 | 404.25 | 358.14 | 486.99 | 615.06 | 742.76 |
| 1.55 | 22 | 222.34 | 34 | 343.62 | 440.32 | 568.26 | 695.86 | 823.27 |
| 1.60 | 30 | 303.19 | 48 | 485.10 | — | — | 515.86 | 644.46 |
| 1.67 | 24 | 242.55 | 40 | 404.25 | 372.22 | 501.48 | 629.81 | 757.69 |
| 1.67 | 18 | 181.91 | 30 | 303.19 | 504.35 | 632.09 | 759.58 | 886.93 |
| 1.70 | 20 | 202.13 | 34 | 343.62 | 454.87 | 583.08 | 710.85 | 838.39 |
| 1.76 | 34 | 343.62 | 60 | 606.38 | — | — | — | 497.22 |
| 1.80 | 40 | 404.25 | 72 | 727.66 | — | — | — | — |
| 1.82 | 22 | 222.34 | 40 | 404.25 | 386.16 | 515.86 | 644.46 | 772.52 |
| 1.85 | 26 | 262.76 | 48 | 485.10 | — | 413.69 | 544.27 | 673.45 |
| 1.89 | 18 | 181.91 | 34 | 343.62 | 469.29 | 597.78 | 725.75 | 853.42 |
| 2.00 | 30 | 303.19 | 60 | 606.38 | — | — | — | 534.11 |
| 2.00 | 24 | 242.55 | 48 | 485.10 | — | 427.29 | 558.33 | 687.81 |
| 2.00 | 20 | 202.13 | 40 | 404.25 | 399.98 | 530.12 | 659.00 | 787.26 |
| 2.12 | 34 | 343.62 | 72 | 727.66 | — | — | — | — |
| 2.18 | 22 | 222.34 | 48 | 485.10 | — | 440.80 | 572.29 | 702.08 |
| 2.22 | 18 | 181.91 | 40 | 404.25 | 413.69 | 544.27 | 673.45 | 801.92 |
| 2.25 | 40 | 404.25 | 90 | 909.57 | — | — | — | — |
| 2.31 | 26 | 262.76 | 60 | 606.38 | — | — | — | 561.07 |
| 2.40 | 30 | 303.19 | 72 | 727.66 | — | — | — | — |
| 2.40 | 20 | 202.13 | 48 | 485.10 | — | 454.21 | 586.17 | 716.28 |
| 2.50 | 24 | 242.55 | 60 | 606.38 | — | — | 438.52 | 574.45 |
| 2.65 | 34 | 343.62 | 90 | 909.57 | — | — | — | — |
| 2.67 | 18 | 181.91 | 48 | 485.10 | — | 467.55 | 599.97 | 730.39 |
| 2.73 | 22 | 222.34 | 60 | 606.38 | — | — | 451.27 | 587.76 |
| 2.77 | 26 | 262.76 | 72 | 727.66 | — | — | — | — |
| 3.00 | 30 | 303.19 | 90 | 909.57 | — | — | — | — |
| 3.00 | 24 | 242.55 | 72 | 727.66 | — | — | — | — |
| 3.00 | 20 | 202.13 | 60 | 606.38 | — | — | 463.97 | 601.01 |
| 3.27 | 22 | 222.34 | 72 | 727.66 | — | — | — | — |
| 3.33 | 18 | 181.91 | 60 | 606.38 | — | — | 476.62 | 614.21 |
| 3.46 | 26 | 262.76 | 90 | 909.57 | — | — | — | — |
| 3.60 | 20 | 202.13 | 72 | 727.66 | — | — | — | — |
| 3.75 | 24 | 242.55 | 90 | 909.57 | — | — | — | — |
| 4.00 | 18 | 181.91 | 72 | 727.66 | — | — | — | 477.69⑤ |
| 4.09 | 22 | 222.34 | 90 | 909.57 | — | — | — | — |
| 4.50 | 20 | 202.13 | 90 | 909.57 | — | — | — | — |
| 5.00 | 18 | 181.91 | 90 | 909.57 | — | — | — | — |

XXH

1.00~5.00

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 補正係数(Km) | 6以上 | ⑤ | ④ | ③ | ② |
|--------------------|-----|-----|-----|-----|-----|
| | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm 標 準 ベ ル ト 呼 称 | | | | | | 回転比 |
|-----------------------------|----------------------------|----------------------------|----------------------------|---|---|------|
| 1200xxH 96歯 3048.00 | 1400xxH 112歯 3556.00 | 1600xxH 128歯 4064.00 | 1800xxH 144歯 4572.00 | | | |
| 889.00 | 1143.00 | 1397.00 | 1651.00 | — | — | 1.00 |
| 984.25 | 1238.25 | 1492.25 | 1746.25 | — | — | 1.00 |
| 1047.75 | 1301.75 | 1555.75 | 1809.75 | — | — | 1.00 |
| 1111.25 | 1365.25 | 1619.25 | 1873.25 | — | — | 1.00 |
| 1143.00 | 1397.00 | 1651.00 | 1905.00 | — | — | 1.00 |
| — | — | — | — | — | — | — |
| 1174.75 | 1428.75 | 1682.75 | 1936.75 | — | — | 1.00 |
| 1206.50 | 1460.50 | 1714.50 | 1968.50 | — | — | 1.00 |
| 1238.25 | 1492.25 | 1746.25 | 2000.25 | — | — | 1.00 |
| 1127.08 | 1381.09 | 1635.09 | 1889.10 | — | — | 1.08 |
| 1158.83 | 1412.84 | 1666.84 | 1920.85 | — | — | 1.09 |
| — | — | — | — | — | — | — |
| 1190.58 | 1444.59 | 1698.59 | 1952.60 | — | — | 1.10 |
| 1222.33 | 1476.34 | 1730.35 | 1984.35 | — | — | 1.11 |
| 1015.80 | 1269.84 | 1523.87 | 1777.89 | — | — | 1.13 |
| 1079.31 | 1333.35 | 1587.37 | 1841.39 | — | — | 1.15 |
| 936.13 | 1190.24 | 1444.31 | 1698.35 | — | — | 1.18 |
| — | — | — | — | — | — | — |
| 1142.82 | 1396.85 | 1650.88 | 1904.89 | — | — | 1.18 |
| 824.51 | 1078.74 | 1332.89 | 1586.99 | — | — | 1.20 |
| 1174.58 | 1428.61 | 1682.63 | 1936.64 | — | — | 1.20 |
| 1206.33 | 1460.36 | 1714.38 | 1968.40 | — | — | 1.22 |
| 1094.96 | 1349.03 | 1603.09 | 1857.13 | — | — | 1.25 |
| — | — | — | — | — | — | — |
| 1158.48 | 1412.55 | 1666.60 | 1920.64 | — | — | 1.30 |
| 1046.97 | 1301.12 | 1555.22 | 1809.30 | — | — | 1.31 |
| 967.05 | 1221.33 | 1475.51 | 1729.64 | — | — | 1.33 |
| 1190.24 | 1444.31 | 1698.35 | 1952.39 | — | — | 1.33 |
| 1110.51 | 1364.65 | 1618.75 | 1872.81 | — | — | 1.36 |
| — | — | — | — | — | — | — |
| 870.25 | 1124.90 | 1379.31 | 1633.59 | — | — | 1.41 |
| 1062.42 | 1316.66 | 1570.81 | 1824.93 | — | — | 1.42 |
| 1174.05 | 1428.18 | 1682.26 | 1936.33 | — | — | 1.44 |
| 723.19 | 979.03 | 1234.11 | 1488.82 | — | — | 1.50 |
| 1125.99 | 1380.20 | 1634.34 | 1888.45 | — | — | 1.50 |
| — | — | — | — | — | — | — |
| 997.62 | 1252.13 | 1506.46 | 1760.70 | — | — | 1.54 |
| 1077.79 | 1332.12 | 1586.34 | 1840.50 | — | — | 1.55 |
| 900.28 | 1155.29 | 1409.94 | 1664.39 | — | — | 1.60 |
| 1012.77 | 1267.42 | 1521.85 | 1776.16 | — | — | 1.67 |
| 1141.39 | 1395.68 | 1649.89 | 1904.03 | — | — | 1.67 |
| — | — | — | — | — | — | — |
| 1093.09 | 1347.52 | 1601.81 | 1856.03 | — | — | 1.70 |
| 757.65 | 1014.77 | 1270.61 | 1525.84 | — | — | 1.79 |
| 613.70 | 874.04 | 1131.45 | 1387.58 | — | — | 1.80 |
| 1027.85 | 1282.65 | 1537.18 | 1791.57 | — | — | 1.82 |
| 929.98 | 1185.41 | 1440.33 | 1694.98 | — | — | 1.85 |
| — | — | — | — | — | — | — |
| 1108.30 | 1362.85 | 1617.23 | 1871.50 | — | — | 1.89 |
| 795.17 | 1052.71 | 1308.85 | 1564.28 | — | — | 2.00 |
| 944.72 | 1200.37 | 1455.45 | 1710.20 | — | — | 2.00 |
| 1042.85 | 1297.81 | 1552.46 | 1806.92 | — | — | 2.00 |
| 654.46 | 916.51 | 1174.93 | 1431.75 | — | — | 2.12 |
| — | — | — | — | — | — | — |
| 959.38 | 1215.27 | 1470.51 | 1725.37 | — | — | 2.18 |
| 1057.78 | 1312.92 | 1567.68 | 1822.23 | — | — | 2.22 |
| — | 700.56 | 967.12 | 1228.14 | — | — | 2.25 |
| 823.45 | 1081.73 | 1338.35 | 1594.12 | — | — | 2.31 |
| 681.32 | 944.53 | 1203.66 | 1460.96 | — | — | 2.40 |
| — | — | — | — | — | — | — |
| 973.97 | 1230.11 | 1485.51 | 1740.50 | — | — | 2.40 |
| 837.49 | 1096.16 | 1353.02 | 1608.97 | — | — | 2.50 |
| — | 739.62 | 1008.03 | 1270.23 | — | — | 2.65 |
| 988.50 | 1244.89 | 1500.47 | 1755.58 | — | — | 2.67 |
| 851.47 | 1110.52 | 1367.64 | 1623.77 | — | — | 2.73 |
| — | — | — | — | — | — | — |
| 707.97 | 972.34 | 1232.20 | 1489.99 | — | — | 2.77 |
| — | 765.45 | 1035.10 | 1298.09 | — | — | 3.00 |
| 721.21 | 986.17 | 1246.40 | 1504.45 | — | — | 3.00 |
| 865.40 | 1124.84 | 1382.22 | 1638.53 | — | — | 3.00 |
| 734.41 | 999.96 | 1260.55 | 1518.86 | — | — | 3.27 |
| — | — | — | — | — | — | — |
| 879.26 | 1139.10 | 1396.75 | 1653.25 | — | — | 3.33 |
| — | 791.15 | 1062.01 | 1325.81 | — | — | 3.46 |
| 747.57 | 1013.69 | 1274.67 | 1533.23 | — | — | 3.60 |
| — | 803.95 | 1075.41 | 1339.61 | — | — | 3.75 |
| 760.68 | 1027.39 | 1288.74 | 1547.57 | — | — | 4.00 |
| — | — | — | — | — | — | — |
| — | 816.72 | 1088.78 | 1353.38 | — | — | 4.09 |
| — | 829.45 | 1102.11 | 1367.11 | — | — | 4.50 |
| — | 842.16 | 1115.41 | 1380.82 | — | — | 5.00 |

Timing Belt Type U ■設計資料編

T5

設計表

1.00~1.40

表24-② T5 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|------|--------|---------|------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | T5-40Z 40歯 200 | T5-45Z 45歯 225 | T5-50Z 50歯 250 | T5-55Z 55歯 275 | T5-60Z 60歯 300 | T5-65Z 65歯 325 | T5-70Z 70歯 350 | T5-75Z 75歯 375 | T5-80Z 80歯 400 | T5-85Z 85歯 425 | T5-90Z 90歯 450 |
| 1.00 | 40 | 63.66 | 40 | 63.66 | — | — | — | — | — | — | 75.00 | 87.50 | 100.00 | 112.50 | 125.00 |
| 1.00 | 36 | 57.30 | 36 | 57.30 | — | — | — | — | — | 72.50 | 85.00 | 97.50 | 110.00 | 122.50 | 135.00 |
| 1.00 | 32 | 50.93 | 32 | 50.93 | — | — | — | — | 70.00 | 82.50 | 95.00 | 107.50 | 120.00 | 132.50 | 145.00 |
| 1.00 | 30 | 47.75 | 30 | 47.75 | — | — | — | 62.50 | 75.00 | 87.50 | 100.00 | 112.50 | 125.00 | 137.50 | 150.00 |
| 1.00 | 28 | 44.56 | 28 | 44.56 | — | — | 55.00 | 67.50 | 80.00 | 92.50 | 105.00 | 117.50 | 130.00 | 142.50 | 155.00 |
| 1.00 | 26 | 41.38 | 26 | 41.38 | — | — | 60.00 | 72.50 | 85.00 | 97.50 | 110.00 | 122.50 | 135.00 | 147.50 | 160.00 |
| 1.00 | 25 | 39.79 | 25 | 39.79 | — | 50.00 | 62.50 | 75.00 | 87.50 | 100.00 | 112.50 | 125.00 | 137.50 | 150.00 | 162.50 |
| 1.00 | 24 | 38.20 | 24 | 38.20 | — | 52.50 | 65.00 | 77.50 | 90.00 | 102.50 | 115.00 | 127.50 | 140.00 | 152.50 | 165.00 |
| 1.00 | 22 | 35.01 | 22 | 35.01 | — | 57.50 | 70.00 | 82.50 | 95.00 | 107.50 | 120.00 | 132.50 | 145.00 | 157.50 | 170.00 |
| 1.00 | 20 | 31.83 | 20 | 31.83 | 50.00 | 62.50 | 75.00 | 87.50 | 100.00 | 112.50 | 125.00 | 137.50 | 150.00 | 162.50 | 175.00 |
| 1.00 | 18 | 28.65 | 18 | 28.65 | 55.00 | 67.50 | 80.00 | 92.50 | 105.00 | 117.50 | 130.00 | 142.50 | 155.00 | 167.50 | 180.00 |
| 1.00 | 16 | 25.46 | 16 | 25.46 | 60.00 | 72.50 | 85.00 | 97.50 | 110.00 | 122.50 | 135.00 | 147.50 | 160.00 | 172.50 | 185.00 |
| 1.00 | 15 | 23.87 | 15 | 23.87 | 62.50 | 75.00 | 87.50 | 100.00 | 112.50 | 125.00 | 137.50 | 150.00 | 162.50 | 175.00 | 187.50 |
| 1.00 | 14 | 22.28 | 14 | 22.28 | 65.00 | 77.50 | 90.00 | 102.50 | 115.00 | 127.50 | 140.00 | 152.50 | 165.00 | 177.50 | 190.00 |
| 1.00 | 12 | 19.10 | 12 | 19.10 | 70.00 | 82.50 | 95.00 | 107.50 | 120.00 | 132.50 | 145.00 | 157.50 | 170.00 | 182.50 | 195.00 |
| 1.04 | 25 | 39.79 | 26 | 41.38 | — | — | 61.24 | 73.75 | 86.25 | 98.75 | 111.25 | 123.75 | 136.25 | 148.75 | 161.25 |
| 1.04 | 24 | 38.20 | 25 | 39.79 | — | 51.24 | 63.75 | 76.25 | 88.75 | 101.25 | 113.75 | 126.25 | 138.75 | 151.25 | 163.75 |
| 1.07 | 30 | 47.75 | 32 | 50.93 | — | — | — | 59.98 | 72.48 | 84.99 | 97.49 | 109.99 | 122.49 | 134.99 | 147.49 |
| 1.07 | 28 | 44.56 | 30 | 47.75 | — | — | — | 64.98 | 77.48 | 89.99 | 102.49 | 114.99 | 127.49 | 139.99 | 152.49 |
| 1.07 | 15 | 23.87 | 16 | 25.46 | 61.24 | 73.75 | 86.25 | 98.75 | 111.25 | 123.75 | 136.25 | 148.75 | 161.25 | 173.75 | 186.25 |
| 1.07 | 14 | 22.28 | 15 | 23.87 | 63.75 | 76.25 | 88.75 | 101.25 | 113.75 | 126.25 | 138.75 | 151.25 | 163.75 | 176.25 | 188.75 |
| 1.08 | 26 | 41.38 | 28 | 44.56 | — | — | 57.48 | 69.98 | 82.48 | 94.99 | 107.49 | 119.99 | 132.49 | 144.99 | 157.49 |
| 1.08 | 24 | 38.20 | 26 | 41.38 | — | 49.97 | 62.48 | 74.98 | 87.49 | 99.99 | 112.49 | 124.99 | 137.49 | 149.99 | 162.49 |
| 1.09 | 22 | 35.01 | 24 | 38.20 | — | 54.98 | 67.48 | 79.98 | 92.49 | 104.99 | 117.49 | 129.99 | 142.49 | 154.99 | 167.49 |
| 1.10 | 40 | 63.66 | 44 | 70.03 | — | — | — | — | — | — | — | 82.44 | 94.95 | 107.45 | 119.96 |
| 1.10 | 20 | 31.83 | 22 | 35.01 | 47.47 | 59.98 | 72.48 | 84.99 | 97.49 | 109.99 | 122.49 | 134.99 | 147.49 | 159.99 | 172.49 |
| 1.11 | 36 | 57.30 | 40 | 63.66 | — | — | — | — | — | — | 79.94 | 92.45 | 104.95 | 117.46 | 129.96 |
| 1.11 | 18 | 28.65 | 20 | 31.83 | 52.48 | 64.98 | 77.48 | 89.99 | 102.49 | 114.99 | 127.49 | 139.99 | 152.49 | 164.99 | 177.49 |
| 1.12 | 25 | 39.79 | 28 | 44.56 | — | — | 58.70 | 71.21 | 83.72 | 96.22 | 108.72 | 121.23 | 133.73 | 146.23 | 158.73 |
| 1.13 | 32 | 50.93 | 36 | 57.30 | — | — | — | — | 64.92 | 77.43 | 89.94 | 102.45 | 114.96 | 127.46 | 139.96 |
| 1.13 | 16 | 25.46 | 18 | 28.65 | 57.48 | 69.98 | 82.48 | 94.99 | 107.49 | 119.99 | 132.49 | 144.99 | 157.49 | 169.99 | 182.49 |
| 1.14 | 28 | 44.56 | 32 | 50.93 | — | — | — | 62.42 | 74.93 | 87.44 | 99.95 | 112.45 | 124.96 | 137.46 | 149.97 |
| 1.14 | 22 | 35.01 | 25 | 39.79 | — | 53.70 | 66.21 | 78.71 | 91.22 | 103.72 | 116.23 | 128.73 | 141.23 | 153.73 | 166.23 |
| 1.14 | 14 | 22.28 | 16 | 25.46 | 62.48 | 74.98 | 87.49 | 99.99 | 112.49 | 124.99 | 137.49 | 149.99 | 162.49 | 174.99 | 187.49 |
| 1.15 | 26 | 41.38 | 30 | 47.75 | — | — | 54.91 | 67.42 | 79.94 | 92.45 | 104.95 | 117.46 | 129.96 | 142.46 | 154.97 |
| 1.17 | 24 | 38.20 | 28 | 44.56 | — | — | 59.92 | 72.43 | 84.94 | 97.45 | 109.95 | 122.46 | 134.96 | 147.47 | 159.97 |
| 1.17 | 12 | 19.10 | 14 | 22.28 | 67.48 ⑤ | 79.98 ⑤ | 92.49 ⑤ | 104.99 ⑤ | 117.49 ⑤ | 129.99 ⑤ | 142.49 ⑤ | 154.99 ⑤ | 167.49 ⑤ | 179.99 ⑤ | 192.49 ⑤ |
| 1.18 | 22 | 35.01 | 26 | 41.38 | — | 52.40 | 64.92 | 77.43 | 89.94 | 102.45 | 114.96 | 127.46 | 139.96 | 152.47 | 164.97 |
| 1.20 | 40 | 63.66 | 48 | 76.39 | — | — | — | — | — | — | — | — | 89.77 | 102.30 | 114.82 |
| 1.20 | 30 | 47.75 | 36 | 57.30 | — | — | — | — | 67.33 | 79.86 | 92.38 | 104.89 | 117.40 | 129.91 | 142.42 |
| 1.20 | 25 | 39.79 | 30 | 47.75 | — | — | 56.11 | 68.63 | 81.15 | 93.67 | 106.18 | 118.68 | 131.19 | 143.69 | 156.20 |
| 1.20 | 20 | 31.83 | 24 | 38.20 | — | 57.41 | 69.93 | 82.44 | 94.95 | 107.45 | 119.96 | 132.46 | 144.97 | 157.47 | 169.97 |
| 1.20 | 15 | 23.87 | 18 | 28.65 | 58.70 | 71.21 | 83.72 | 96.22 | 108.72 | 121.23 | 133.73 | 146.23 | 158.73 | 171.23 | 183.73 |
| 1.22 | 36 | 57.30 | 44 | 70.03 | — | — | — | — | — | — | 74.73 | 87.27 | 99.80 | 112.32 | 124.84 |
| 1.22 | 18 | 28.65 | 22 | 35.01 | 49.90 | 62.42 | 74.93 | 87.44 | 99.95 | 112.45 | 124.96 | 137.46 | 149.97 | 162.47 | 174.97 |
| 1.23 | 26 | 41.38 | 32 | 50.93 | — | — | — | 64.82 | 77.35 | 89.87 | 102.39 | 114.90 | 127.41 | 139.92 | 152.43 |
| 1.25 | 40 | 63.66 | 50 | 79.58 | — | — | — | — | — | — | — | — | 87.14 | 99.68 | 112.22 |
| 1.25 | 32 | 50.93 | 40 | 63.66 | — | — | — | — | — | 72.22 | 84.76 | 97.29 | 109.82 | 122.33 | 134.85 |
| 1.25 | 24 | 38.20 | 30 | 47.75 | — | — | 57.30 | 69.84 | 82.36 | 94.88 | 107.39 | 119.90 | 132.41 | 144.92 | 157.43 |
| 1.25 | 20 | 31.83 | 25 | 39.79 | — | 56.11 | 68.63 | 81.15 | 93.67 | 106.18 | 118.68 | 131.19 | 143.69 | 156.20 | 168.70 |
| 1.25 | 16 | 25.46 | 20 | 31.83 | 54.91 | 67.42 | 79.94 | 92.45 | 104.95 | 117.46 | 129.96 | 142.46 | 154.97 | 167.47 | 179.97 |
| 1.25 | 12 | 19.10 | 15 | 23.87 | 66.21 ⑤ | 78.71 ⑤ | 91.22 ⑤ | 103.72 ⑤ | 116.23 ⑤ | 128.73 ⑤ | 141.23 ⑤ | 153.73 ⑤ | 166.23 ⑤ | 178.73 ⑤ | 191.24 ⑤ |
| 1.27 | 22 | 35.01 | 28 | 44.56 | — | — | 62.32 | 74.85 | 87.37 | 99.89 | 112.40 | 124.91 | 137.42 | 149.92 | 162.43 |
| 1.28 | 25 | 39.79 | 32 | 50.93 | — | — | — | 66.01 | 78.55 | 91.08 | 103.60 | 116.12 | 128.63 | 141.14 | 153.65 |
| 1.29 | 28 | 44.56 | 36 | 57.30 | — | — | — | — | 69.71 | 82.25 | 94.79 | 107.31 | 119.83 | 132.35 | 144.86 |
| 1.29 | 14 | 22.28 | 18 | 28.65 | 59.92 | 72.43 | 84.94 | 97.45 | 109.95 | 122.46 | 134.96 | 147.47 | 159.97 | 172.47 | 184.97 |
| 1.30 | 20 | 31.83 | 26 | 41.38 | — | 54.79 | 67.33 | 79.86 | 92.38 | 104.89 | 117.40 | 129.91 | 142.42 | 154.93 | 167.43 |
| 1.33 | 36 | 57.30 | 48 | 76.39 | — | — | — | — | — | — | — | 81.94 | 94.52 | 107.07 | 119.62 |
| 1.33 | 30 | 47.75 | 40 | 63.66 | — | — | — | — | — | — | 74.58 | 87.14 | 99.68 | 112.22 | 124.75 |
| 1.33 | 24 | 38.20 | 32 | 50.93 | — | — | 54.63 | 67.20 | 79.75 | 92.28 | 104.81 | 117.33 | 129.84 | 142.36 | 154.87 |
| 1.33 | 18 | 28.65 | 24 | 38.20 | 47.26 | 59.81 | 72.34 | 84.87 | 97.38 | 109.90 | 122.41 | 134.92 | 147.42 | 159.93 | 172.43 |
| 1.33 | 15 | 23.87 | 20 | 31.83 | 56.11 | 68.63 | 81.15 | 93.67 | 106.18 | 118.68 | 131.19 | 143.69 | 156.20 | 168.70 | 181.21 |
| 1.33 | 12 | 19.10 | 16 | 25.46 | 64.92 ⑤ | 77.43 ⑤ | 89.94 ⑤ | 102.45 ⑤ | 114.96 ⑤ | 127.46 ⑤ | 139.96 ⑤ | 152.47 ⑤ | 164.97 ⑤ | 177.47 ⑤ | 189.97 ⑤ |
| 1.36 | 22 | 35.01 | 30 | 47.75 | — | — | 59.66 | 72.22 | 84.76 | 97.29 | 109.82 | 122.33 | 134.85 | 147.36 | 159.87 |
| 1.38 | 32 | 50.93 | 44 | 70.03 | — | — | — | — | — | — | 79.43 | 92.00 | 104.56 | 117.11 | 129.65 |
| 1.38 | 26 | 41.38 | 36 | 57.30 | — | — | — | 59.47 | 72.06 | 84.63 | 97.17 | 109.71 | 122.24 | 134.77 | 147.29 |
| 1.38 | 16 | 25.46 | 22 | 35.01 | 52.28 | 64.82 | 77.35 | 89.87 | 102.39 | 114.90 | 127.41 | 139.92 | 152.43 | 164.93 | 177.44 |
| 1.39 | 36 | 57.30 | 50 | 79.58 | — | — | — | — | — | — | — | 79.22 | 91.82 | 104.41 | 116.97 |
| 1.39 | 18 | 28.65 | 25 | 39.79 | 45.91 | 58.48 | 71.03 | 83.56 | 96.09 | 108.61 | 121.12 | 133.63 | 146.14 | 158.65 | 171.16 |
| 1.40 | 20 | 31.83 | 28 | 44.56 | — | 52.11 | 64.69 | 77.24 | 89.77 | 102.30 | 114.82 | 127.34 | 139.86 | 152.37 | 164.88 |

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 補正係数 (Km) | 6以上 | ⑤ | ④ | ③ | ② |
|---------------------|-----|-----|-----|-----|-----|
| | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm | | | | | | | | | | | | | | 回転比 |
|----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------|
| T5-95Z 95歯 475 | T5-100Z 100歯 500 | T5-105Z 105歯 525 | T5-110Z 110歯 550 | T5-115Z 115歯 575 | T5-120Z 120歯 600 | T5-125Z 125歯 625 | T5-130Z 130歯 650 | T5-140Z 140歯 700 | T5-150Z 150歯 750 | T5-160Z 165歯 800 | T5-170Z 170歯 850 | T5-180Z 180歯 900 | T5-200Z 188歯 1000 | |
| 137.50 | 150.00 | 162.50 | 175.00 | 187.50 | 200.00 | 212.50 | 225.00 | 250.00 | 275.00 | 300.00 | 325.00 | 350.00 | 400.00 | 1.00 |
| 147.50 | 160.00 | 172.50 | 185.00 | 197.50 | 210.00 | 222.50 | 235.00 | 260.00 | 285.00 | 310.00 | 335.00 | 360.00 | 410.00 | 1.00 |
| 157.50 | 170.00 | 182.50 | 195.00 | 207.50 | 220.00 | 232.50 | 245.00 | 270.00 | 295.00 | 320.00 | 345.00 | 370.00 | 420.00 | 1.00 |
| 162.50 | 175.00 | 187.50 | 200.00 | 212.50 | 225.00 | 237.50 | 250.00 | 275.00 | 300.00 | 325.00 | 350.00 | 375.00 | 425.00 | 1.00 |
| 167.50 | 180.00 | 192.50 | 205.00 | 217.50 | 230.00 | 242.50 | 255.00 | 280.00 | 305.00 | 330.00 | 355.00 | 380.00 | 430.00 | 1.00 |
| | | | | | | | | | | | | | | |
| 172.50 | 185.00 | 197.50 | 210.00 | 222.50 | 235.00 | 247.50 | 260.00 | 285.00 | 310.00 | 335.00 | 360.00 | 385.00 | 435.00 | 1.00 |
| 175.00 | 187.50 | 200.00 | 212.50 | 225.00 | 237.50 | 250.00 | 262.50 | 287.50 | 312.50 | 337.50 | 362.50 | 387.50 | 437.50 | 1.00 |
| 177.50 | 190.00 | 202.50 | 215.00 | 227.50 | 240.00 | 252.50 | 265.00 | 290.00 | 315.00 | 340.00 | 365.00 | 390.00 | 440.00 | 1.00 |
| 182.50 | 195.00 | 207.50 | 220.00 | 232.50 | 245.00 | 257.50 | 270.00 | 295.00 | 320.00 | 345.00 | 370.00 | 395.00 | 445.00 | 1.00 |
| 187.50 | 200.00 | 212.50 | 225.00 | 237.50 | 250.00 | 262.50 | 275.00 | 300.00 | 325.00 | 350.00 | 375.00 | 400.00 | 450.00 | 1.00 |
| | | | | | | | | | | | | | | |
| 192.50 | 205.00 | 217.50 | 230.00 | 242.50 | 255.00 | 267.50 | 280.00 | 305.00 | 330.00 | 355.00 | 380.00 | 405.00 | 455.00 | 1.00 |
| 197.50 | 210.00 | 222.50 | 235.00 | 247.50 | 260.00 | 272.50 | 285.00 | 310.00 | 335.00 | 360.00 | 385.00 | 410.00 | 460.00 | 1.00 |
| 200.00 | 212.50 | 225.00 | 237.50 | 250.00 | 262.50 | 275.00 | 287.50 | 312.50 | 337.50 | 362.50 | 387.50 | 412.50 | 462.50 | 1.00 |
| 202.50 | 215.00 | 227.50 | 240.00 | 252.50 | 265.00 | 277.50 | 290.00 | 315.00 | 340.00 | 365.00 | 390.00 | 415.00 | 465.00 | 1.00 |
| 207.50 | 220.00 | 232.50 | 245.00 | 257.50 | 270.00 | 282.50 | 295.00 | 320.00 | 345.00 | 370.00 | 395.00 | 420.00 | 470.00 | 1.00 |
| | | | | | | | | | | | | | | |
| 173.75 | 186.25 | 198.75 | 211.25 | 223.75 | 236.25 | 248.75 | 261.25 | 286.25 | 311.25 | 336.25 | 361.25 | 386.25 | 436.25 | 1.04 |
| 176.25 | 188.75 | 201.25 | 213.75 | 226.25 | 238.75 | 251.25 | 263.75 | 288.75 | 313.75 | 338.75 | 363.75 | 388.75 | 438.75 | 1.04 |
| 159.99 | 172.49 | 184.99 | 197.49 | 209.99 | 222.49 | 234.99 | 247.49 | 272.50 | 297.50 | 322.50 | 347.50 | 372.50 | 422.50 | 1.07 |
| 164.99 | 177.49 | 189.99 | 202.49 | 214.99 | 227.49 | 239.99 | 252.49 | 277.50 | 302.50 | 327.50 | 352.50 | 377.50 | 427.50 | 1.07 |
| 198.75 | 211.25 | 223.75 | 236.25 | 248.75 | 261.25 | 273.75 | 286.25 | 311.25 | 336.25 | 361.25 | 386.25 | 411.25 | 461.25 | 1.07 |
| | | | | | | | | | | | | | | |
| 201.25 | 213.75 | 226.25 | 238.75 | 251.25 | 263.75 | 276.25 | 288.75 | 313.75 | 338.75 | 363.75 | 388.75 | 413.75 | 463.75 | 1.07 |
| 169.99 | 182.49 | 194.99 | 207.49 | 219.99 | 232.49 | 244.99 | 257.50 | 282.50 | 307.50 | 332.50 | 357.50 | 382.50 | 432.50 | 1.08 |
| 174.99 | 187.49 | 199.99 | 212.49 | 224.99 | 237.49 | 249.99 | 262.50 | 287.50 | 312.50 | 337.50 | 362.50 | 387.50 | 437.50 | 1.08 |
| 179.99 | 192.49 | 204.99 | 217.49 | 229.99 | 242.49 | 255.00 | 267.50 | 292.50 | 317.50 | 342.50 | 367.50 | 392.50 | 442.50 | 1.09 |
| 132.46 | 144.97 | 157.47 | 169.97 | 182.47 | 194.97 | 207.48 | 219.98 | 244.98 | 269.98 | 294.98 | 319.98 | 344.99 | 394.99 | 1.10 |
| | | | | | | | | | | | | | | |
| 184.99 | 197.49 | 209.99 | 222.49 | 234.99 | 247.49 | 260.00 | 272.50 | 297.50 | 322.50 | 347.50 | 372.50 | 397.50 | 447.50 | 1.10 |
| 142.46 | 154.97 | 167.47 | 179.97 | 192.47 | 204.98 | 217.48 | 229.98 | 254.98 | 279.98 | 304.98 | 329.98 | 354.99 | 404.99 | 1.11 |
| 189.99 | 202.49 | 214.99 | 227.49 | 239.99 | 252.49 | 265.00 | 277.50 | 302.50 | 327.50 | 352.50 | 377.50 | 402.50 | 452.50 | 1.11 |
| 171.23 | 183.73 | 196.24 | 208.74 | 221.24 | 233.74 | 246.24 | 258.74 | 283.74 | 308.74 | 333.74 | 358.74 | 383.74 | 433.74 | 1.12 |
| 152.47 | 164.97 | 177.47 | 189.97 | 202.47 | 214.98 | 227.48 | 239.98 | 264.98 | 289.98 | 314.98 | 339.99 | 364.99 | 414.99 | 1.13 |
| | | | | | | | | | | | | | | |
| 194.99 | 207.49 | 219.99 | 232.49 | 244.99 | 257.50 | 270.00 | 282.50 | 307.50 | 332.50 | 357.50 | 382.50 | 407.50 | 457.50 | 1.13 |
| 162.47 | 174.97 | 187.47 | 199.97 | 212.48 | 224.98 | 237.48 | 249.98 | 274.98 | 299.98 | 324.98 | 349.99 | 374.99 | 424.99 | 1.14 |
| 178.73 | 191.24 | 203.74 | 216.24 | 228.74 | 241.24 | 253.74 | 266.24 | 291.24 | 316.24 | 341.24 | 366.24 | 391.24 | 441.24 | 1.14 |
| 199.99 | 212.49 | 224.99 | 237.49 | 249.99 | 262.50 | 275.00 | 287.50 | 312.50 | 337.50 | 362.50 | 387.50 | 412.50 | 462.50 | 1.14 |
| 167.47 | 179.97 | 192.47 | 204.98 | 217.48 | 229.98 | 242.48 | 254.98 | 279.98 | 304.98 | 329.98 | 354.99 | 379.99 | 429.99 | 1.15 |
| | | | | | | | | | | | | | | |
| 172.47 | 184.97 | 197.47 | 209.98 | 222.48 | 234.98 | 247.48 | 259.98 | 284.98 | 309.98 | 334.98 | 359.99 | 384.99 | 434.99 | 1.17 |
| 204.99 ⑤ | 217.49 ⑤ | 229.99 ⑤ | 242.49 ⑤ | 255.00 ⑤ | 267.50 ⑤ | 280.00 ⑤ | 292.50 ⑤ | 317.50 ⑤ | 342.50 ⑤ | 367.50 ⑤ | 392.50 ⑤ | 417.50 ⑤ | 467.50 ⑤ | 1.17 |
| 177.47 | 189.97 | 202.47 | 214.98 | 227.48 | 239.98 | 252.48 | 264.98 | 289.98 | 314.98 | 339.99 | 364.99 | 389.99 | 439.99 | 1.18 |
| 127.34 | 139.86 | 152.37 | 164.88 | 177.39 | 189.89 | 202.40 | 214.91 | 239.92 | 264.92 | 289.93 | 314.94 | 339.94 | 389.95 | 1.20 |
| 154.93 | 167.43 | 179.94 | 192.44 | 204.94 | 217.45 | 229.95 | 242.45 | 267.46 | 292.46 | 317.46 | 342.47 | 367.47 | 417.47 | 1.20 |
| | | | | | | | | | | | | | | |
| 168.70 | 181.21 | 193.71 | 206.21 | 218.71 | 231.22 | 243.72 | 256.22 | 281.22 | 306.22 | 331.23 | 356.23 | 381.23 | 431.23 | 1.20 |
| 182.47 | 194.97 | 207.48 | 219.98 | 232.48 | 244.98 | 257.48 | 269.98 | 294.98 | 319.98 | 344.99 | 369.99 | 394.99 | 444.99 | 1.20 |
| 196.24 | 208.74 | 221.24 | 233.74 | 246.24 | 258.74 | 271.24 | 283.74 | 308.74 | 333.74 | 358.74 | 383.74 | 408.74 | 458.74 | 1.20 |
| 137.35 | 149.86 | 162.38 | 174.88 | 187.39 | 199.90 | 212.40 | 224.91 | 249.92 | 274.93 | 299.93 | 324.94 | 349.94 | 399.95 | 1.22 |
| 187.47 | 199.97 | 212.48 | 224.98 | 237.48 | 249.98 | 262.48 | 274.98 | 299.98 | 324.98 | 349.99 | 374.99 | 399.99 | 449.99 | 1.22 |
| | | | | | | | | | | | | | | |
| 164.93 | 177.44 | 189.94 | 202.44 | 214.95 | 227.45 | 239.95 | 252.45 | 277.46 | 302.46 | 327.47 | 352.47 | 377.47 | 427.47 | 1.23 |
| 124.75 | 137.27 | 149.79 | 162.30 | 174.82 | 187.33 | 199.84 | 212.35 | 237.37 | 262.38 | 287.39 | 312.40 | 337.41 | 387.42 | 1.25 |
| 147.36 | 159.87 | 172.38 | 184.89 | 197.40 | 209.90 | 222.41 | 234.91 | 259.92 | 284.93 | 309.93 | 334.94 | 359.94 | 409.95 | 1.25 |
| 169.93 | 182.44 | 194.94 | 207.45 | 219.95 | 232.45 | 244.95 | 257.46 | 282.46 | 307.46 | 332.47 | 357.47 | 382.47 | 432.47 | 1.25 |
| 181.21 | 193.71 | 206.21 | 218.71 | 231.22 | 243.72 | 256.22 | 268.72 | 293.72 | 318.73 | 343.73 | 368.73 | 393.73 | 443.73 | 1.25 |
| | | | | | | | | | | | | | | |
| 192.47 | 204.98 | 217.48 | 229.98 | 242.48 | 254.98 | 267.48 | 279.98 | 304.98 | 329.98 | 354.99 | 379.99 | 404.99 | 454.99 | 1.25 |
| 203.74 ⑤ | 216.24 ⑤ | 228.74 ⑤ | 241.24 ⑤ | 253.74 ⑤ | 266.24 ⑤ | 278.74 ⑤ | 291.24 ⑤ | 316.24 ⑤ | 341.24 ⑤ | 366.24 ⑤ | 391.24 ⑤ | 416.24 ⑤ | 466.24 ⑤ | 1.25 |
| 174.93 | 187.44 | 199.94 | 212.45 | 224.95 | 237.45 | 249.95 | 262.46 | 287.46 | 312.46 | 337.47 | 362.47 | 387.47 | 437.47 | 1.27 |
| 166.16 | 178.66 | 191.17 | 203.67 | 216.18 | 228.68 | 241.19 | 253.69 | 278.69 | 303.70 | 328.70 | 353.71 | 378.71 | 428.71 | 1.28 |
| 157.37 | 169.88 | 182.39 | 194.90 | 207.40 | 219.91 | 232.41 | 244.92 | 269.92 | 294.93 | 319.94 | 344.94 | 369.95 | 419.95 | 1.29 |
| | | | | | | | | | | | | | | |
| 197.47 | 209.98 | 222.48 | 234.98 | 247.48 | 259.98 | 272.48 | 284.98 | 309.98 | 334.98 | 359.99 | 384.99 | 409.99 | 459.99 | 1.29 |
| 179.94 | 192.44 | 204.94 | 217.45 | 229.95 | 242.45 | 254.96 | 267.46 | 292.46 | 317.46 | 342.47 | 367.47 | 392.47 | 442.47 | 1.30 |
| 132.15 | 144.68 | 157.21 | 169.73 | 182.25 | 194.77 | 207.28 | 219.79 | 244.81 | 269.83 | 294.85 | 319.86 | 344.87 | 394.88 | 1.33 |
| 149.79 | 162.30 | 174.82 | 187.33 | 199.84 | 212.35 | 224.86 | 237.37 | 262.38 | 287.39 | 312.40 | 337.41 | 362.41 | 412.42 | 1.33 |
| 167.38 | 179.89 | 192.39 | 204.90 | 217.41 | 229.91 | 242.42 | 254.92 | 279.93 | 304.93 | 329.94 | 354.94 | 379.95 | 429.95 | 1.33 |
| | | | | | | | | | | | | | | |
| 184.94 | 197.44 | 209.95 | 222.45 | 234.95 | 247.45 | 259.96 | 272.46 | 297.46 | 322.46 | 347.47 | 372.47 | 397.47 | 447.47 | 1.33 |
| 193.71 | 206.21 | 218.71 | 231.22 | 243.72 | 256.22 | 268.72 | 281.22 | 306.22 | 331.23 | 356.23 | 381.23 | 406.23 | 456.23 | 1.33 |
| 202.47 ⑤ | 214.98 ⑤ | 227.48 ⑤ | 239.98 ⑤ | 252.48 ⑤ | 264.98 ⑤ | 277.48 ⑤ | 289.98 ⑤ | 314.98 ⑤ | 339.99 ⑤ | 364.99 ⑤ | 389.99 ⑤ | 414.99 ⑤ | 464.99 ⑤ | 1.33 |
| 172.38 | 184.89 | 197.40 | 209.90 | 222.41 | 234.91 | 247.42 | 259.92 | 284.93 | 309.93 | 334.94 | 359.94 | 384.95 | 434.95 | 1.36 |
| 142.18 | 154.71 | 167.23 | 179.75 | 192.26 | 204.78 | 217.29 | 229.80 | 254.82 | 279.84 | 304.85 | 329.86 | 354.87 | 404.89 | 1.38 |
| | | | | | | | | | | | | | | |
| 159.80 | 172.32 | 184.83 | 197.34 | 209.85 | 222.36 | 234.87 | 247.3 | | | | | | | |

Timing Belt Type U ■設計資料編

T5

設計表

1.43~2.22

表24-② T5 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離mm | | | | | | | | | | |
|------|--------|--------|------|--------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径mm | 歯数 | ピッチ径mm | T5-40Z 40歯 200 | T5-45Z 45歯 225 | T5-50Z 50歯 250 | T5-55Z 55歯 275 | T5-60Z 60歯 300 | T5-65Z 65歯 325 | T5-70Z 70歯 350 | T5-75Z 75歯 375 | T5-80Z 80歯 400 | T5-85Z 85歯 425 | T5-90Z 90歯 450 |
| 1.43 | 28 | 44.56 | 40 | 63.66 | — | — | — | — | 64.29 | 76.91 | 89.49 | 102.05 | 114.60 | 127.14 | 139.67 |
| 1.43 | 14 | 22.28 | 20 | 31.83 | 57.30 | 69.84 | 82.36 | 94.88 | 107.39 | 119.90 | 132.41 | 144.92 | 157.43 | 169.93 | 182.44 |
| 1.44 | 25 | 39.79 | 36 | 57.30 | — | — | — | 60.62 | 73.23 | 85.80 | 98.36 | 110.90 | 123.44 | 135.97 | 148.49 |
| 1.44 | 18 | 28.65 | 26 | 41.38 | — | 57.15 | 69.71 | 82.25 | 94.79 | 107.31 | 119.83 | 132.35 | 144.86 | 157.37 | 169.88 |
| 1.45 | 22 | 35.01 | 32 | 50.93 | — | — | 56.94 | 69.54 | 82.11 | 94.67 | 107.20 | 119.74 | 132.26 | 144.78 | 157.30 |
| 1.47 | 30 | 47.75 | 44 | 70.03 | — | — | — | — | — | 69.10 | 81.74 | 94.34 | 106.92 | 119.48 | 132.03 |
| 1.47 | 15 | 23.87 | 22 | 35.01 | 53.46 | 66.01 | 78.55 | 91.08 | 103.60 | 116.12 | 128.63 | 141.14 | 153.65 | 166.16 | 178.66 |
| 1.50 | 40 | 63.66 | 60 | 95.49 | — | — | — | — | — | — | — | — | — | — | 98.72 |
| 1.50 | 32 | 50.93 | 48 | 76.39 | — | — | — | — | — | — | 73.90 | 86.56 | 99.18 | 111.77 | 124.35 |
| 1.50 | 24 | 38.20 | 36 | 57.30 | — | — | — | 61.76 | 74.39 | 86.98 | 99.54 | 112.09 | 124.63 | 137.17 | 149.70 |
| 1.50 | 20 | 31.83 | 30 | 47.75 | — | — | 61.99 | 74.58 | 87.14 | 99.68 | 112.22 | 124.75 | 137.27 | 149.79 | 162.30 |
| 1.50 | 16 | 25.46 | 24 | 38.20 | 49.59 | 62.17 | 74.73 | 87.27 | 99.80 | 112.32 | 124.84 | 137.35 | 149.86 | 162.38 | 174.88 |
| 1.50 | 12 | 19.10 | 18 | 28.65 | 62.32 ⑤ | 74.85 ⑤ | 87.37 ⑤ | 99.89 ⑤ | 112.4 ⑤ | 124.91 ⑤ | 137.42 ⑤ | 149.92 ⑤ | 162.43 ⑤ | 174.93 ⑤ | 187.44 ⑤ |
| 1.54 | 26 | 41.38 | 40 | 63.66 | — | — | — | — | 66.57 | 79.22 | 91.82 | 104.41 | 116.97 | 129.52 | 142.06 |
| 1.56 | 32 | 50.93 | 50 | 79.58 | — | — | — | — | — | — | 83.78 | 96.44 | 109.06 | 121.66 | — |
| 1.56 | 18 | 28.65 | 28 | 44.56 | — | 54.42 | 67.03 | 79.60 | 92.16 | 104.70 | 117.23 | 129.76 | 142.28 | 154.80 | 167.31 |
| 1.56 | 16 | 25.46 | 25 | 39.79 | 48.22 | 60.83 | 73.40 | 85.95 | 98.49 | 111.02 | 123.54 | 136.06 | 148.58 | 161.09 | 173.60 |
| 1.57 | 28 | 44.56 | 44 | 70.03 | — | — | — | — | — | 71.36 | 84.04 | 96.66 | 109.26 | 121.83 | 134.40 |
| 1.57 | 14 | 22.28 | 22 | 35.01 | 54.63 | 67.20 | 79.75 | 92.28 | 104.81 | 117.33 | 129.84 | 142.36 | 154.87 | 167.38 | 179.89 |
| 1.60 | 30 | 47.75 | 48 | 76.39 | — | — | — | — | — | — | 76.15 | 88.85 | 101.49 | 114.10 | 126.69 |
| 1.60 | 25 | 39.79 | 40 | 63.66 | — | — | — | — | 67.70 | 80.36 | 92.98 | 105.58 | 118.15 | 130.70 | 143.25 |
| 1.60 | 20 | 31.83 | 32 | 50.93 | — | — | 59.23 | 71.87 | 84.46 | 97.03 | 109.58 | 122.13 | 134.66 | 147.19 | 159.71 |
| 1.60 | 15 | 23.87 | 24 | 38.20 | 50.74 | 63.35 | 75.91 | 88.46 | 101.00 | 113.52 | 126.05 | 138.56 | 151.08 | 163.59 | 176.10 |
| 1.63 | 16 | 25.46 | 26 | 41.38 | 46.82 | 59.47 | 72.06 | 84.63 | 97.17 | 109.71 | 122.24 | 134.77 | 147.29 | 159.80 | 172.32 |
| 1.64 | 22 | 35.01 | 36 | 57.30 | — | — | — | 64.03 | 76.69 | 89.31 | 101.89 | 114.46 | 127.01 | 139.56 | 152.09 |
| 1.67 | 36 | 57.30 | 60 | 95.49 | — | — | — | — | — | — | — | — | — | 90.48 | 103.23 |
| 1.67 | 30 | 47.75 | 50 | 79.58 | — | — | — | — | — | — | — | 86.03 | 98.72 | 111.36 | 123.98 |
| 1.67 | 24 | 38.20 | 40 | 63.66 | — | — | — | — | 68.82 | 81.51 | 94.14 | 106.74 | 119.32 | 131.89 | 144.44 |
| 1.67 | 18 | 28.65 | 30 | 47.75 | — | 51.62 | 64.29 | 76.91 | 89.49 | 102.05 | 114.60 | 127.14 | 139.67 | 152.20 | 164.72 |
| 1.67 | 15 | 23.87 | 25 | 39.79 | 49.36 | 61.99 | 74.58 | 87.14 | 99.68 | 112.22 | 124.75 | 137.27 | 149.79 | 162.30 | 174.82 |
| 1.67 | 12 | 19.10 | 20 | 31.83 | 59.66 ⑤ | 72.22 ⑤ | 84.76 ⑤ | 97.29 ⑤ | 109.82 ⑤ | 122.33 ⑤ | 134.85 ⑤ | 147.36 ⑤ | 159.87 ⑤ | 172.38 ⑤ | 184.89 ⑤ |
| 1.69 | 26 | 41.38 | 44 | 70.03 | — | — | — | — | — | 73.61 | 86.31 | 98.96 | 111.58 | 124.17 | 136.75 |
| 1.71 | 28 | 44.56 | 48 | 76.39 | — | — | — | — | — | — | 78.38 | 91.11 | 103.78 | 116.41 | 129.02 |
| 1.71 | 14 | 22.28 | 24 | 38.20 | 51.89 | 64.51 | 77.09 | 89.65 | 102.19 | 114.72 | 127.25 | 139.77 | 152.29 | 164.81 | 177.32 |
| 1.73 | 15 | 23.87 | 26 | 41.38 | 47.95 | 60.62 | 73.23 | 85.80 | 98.36 | 110.90 | 123.44 | 135.97 | 148.49 | 161.01 | 173.53 |
| 1.75 | 16 | 25.46 | 28 | 44.56 | — | 56.70 | 69.34 | 81.94 | 94.52 | 107.07 | 119.62 | 132.15 | 144.68 | 157.21 | 169.73 |
| 1.76 | 25 | 39.79 | 44 | 70.03 | — | — | — | — | — | 74.72 | 87.44 | 100.11 | 112.74 | 125.34 | 137.92 |
| 1.78 | 18 | 28.65 | 32 | 50.93 | — | — | 61.49 | 74.16 | 86.78 | 99.38 | 111.95 | 124.50 | 137.05 | 149.59 | 162.12 |
| 1.79 | 28 | 44.56 | 50 | 79.58 | — | — | — | — | — | — | 75.47 | 88.26 | 100.98 | 113.65 | 126.29 |
| 1.79 | 14 | 22.28 | 25 | 39.79 | 50.49 | 63.14 | 75.74 | 88.32 | 100.87 | 113.41 | 125.95 | 138.47 | 151.00 | 163.52 | 176.03 |
| 1.80 | 20 | 31.83 | 36 | 57.30 | — | — | — | 66.28 | 78.97 | 91.62 | 104.22 | 116.81 | 129.37 | 141.93 | 154.48 |
| 1.82 | 22 | 35.01 | 40 | 63.66 | — | — | — | — | 71.06 | 83.78 | 96.44 | 109.06 | 121.66 | 134.24 | 146.80 |
| 1.83 | 24 | 38.20 | 44 | 70.03 | — | — | — | — | — | 75.83 | 88.57 | 101.25 | 113.89 | 126.50 | 139.09 |
| 1.83 | 12 | 19.10 | 22 | 35.01 | 56.94 ⑤ | 69.54 ⑤ | 82.11 ⑤ | 94.67 ⑤ | 107.2 ⑤ | 119.74 ⑤ | 132.26 ⑤ | 144.78 ⑤ | 157.30 ⑤ | 169.81 ⑤ | 182.33 ⑤ |
| 1.85 | 26 | 41.38 | 48 | 76.39 | — | — | — | — | — | — | 80.60 | 93.36 | 106.06 | 118.71 | 131.33 |
| 1.86 | 14 | 22.28 | 26 | 41.38 | 49.07 | 61.76 | 74.39 | 86.98 | 99.54 | 112.09 | 124.63 | 137.17 | 149.70 | 162.22 | 174.74 |
| 1.87 | 15 | 23.87 | 28 | 44.56 | 45.06 | 57.82 | 70.49 | 83.11 | 95.69 | 108.26 | 120.81 | 133.35 | 145.88 | 158.41 | 170.94 |
| 1.88 | 32 | 50.93 | 60 | 95.49 | — | — | — | — | — | — | — | — | — | 94.88 | 107.70 |
| 1.88 | 16 | 25.46 | 30 | 47.75 | — | 53.85 | 66.57 | 79.22 | 91.82 | 104.41 | 116.97 | 129.52 | 142.06 | 154.60 | 167.13 |
| 1.92 | 26 | 41.38 | 50 | 79.58 | — | — | — | — | — | — | 77.65 | 90.48 | 103.23 | 115.93 | 128.58 |
| 1.92 | 25 | 39.79 | 48 | 76.39 | — | — | — | — | — | 68.82 | 81.70 | 94.48 | 107.19 | 119.85 | 132.49 |
| 2.00 | 30 | 47.75 | 60 | 95.49 | — | — | — | — | — | — | — | — | 84.11 | 97.06 | 109.91 |
| 2.00 | 25 | 39.79 | 50 | 79.58 | — | — | — | — | — | — | 78.74 | 91.59 | 104.35 | 117.06 | 129.72 |
| 2.00 | 24 | 38.20 | 48 | 76.39 | — | — | — | — | — | 69.89 | 82.80 | 95.59 | 108.32 | 120.99 | 133.64 |
| 2.00 | 22 | 35.01 | 44 | 70.03 | — | — | — | — | 65.15 | 78.04 | 90.81 | 103.52 | 116.18 | 128.81 | 141.42 |
| 2.00 | 20 | 31.83 | 40 | 63.66 | — | — | — | 60.40 | 73.27 | 86.03 | 98.72 | 111.36 | 123.98 | 136.57 | 149.15 |
| 2.00 | 18 | 28.65 | 36 | 57.30 | — | — | 55.66 | 68.50 | 81.24 | 93.91 | 106.54 | 119.14 | 131.72 | 144.29 | 156.85 |
| 2.00 | 16 | 25.46 | 32 | 50.93 | — | 50.91 | 63.73 | 76.44 | 89.09 | 101.70 | 114.29 | 126.86 | 139.42 | 151.97 | 164.51 |
| 2.00 | 15 | 23.87 | 30 | 47.75 | — | 54.95 | 67.70 | 80.36 | 92.98 | 105.58 | 118.15 | 130.70 | 143.25 | 155.79 | 168.33 |
| 2.00 | 14 | 22.28 | 28 | 44.56 | 46.16 ⑤ | 58.95 | 71.63 | 84.26 | 96.86 | 109.43 | 121.99 | 134.54 | 147.08 | 159.61 | 172.14 |
| 2.00 | 12 | 19.10 | 24 | 38.20 | 54.16 ⑤ | 66.82 ⑤ | 79.43 ⑤ | 92.00 ⑤ | 104.56 ⑤ | 117.11 ⑤ | 129.65 ⑤ | 142.18 ⑤ | 154.71 ⑤ | 167.23 ⑤ | 179.75 ⑤ |
| 2.08 | 24 | 38.20 | 50 | 79.58 | — | — | — | — | — | 79.82 | 92.69 | 105.47 | 118.19 | 130.86 | 143.53 |
| 2.08 | 12 | 19.10 | 25 | 39.79 | 52.74 ⑤ | 65.43 ⑤ | 78.06 ⑤ | 90.66 ⑤ | 103.23 ⑤ | 115.79 ⑤ | 128.33 ⑤ | 140.87 ⑤ | 153.40 ⑤ | 165.93 ⑤ | 178.45 ⑤ |
| 2.13 | 15 | 23.87 | 32 | 50.93 | — | 51.99 | 64.84 | 77.57 | 90.24 | 102.86 | 115.46 | 128.04 | 140.60 | 153.15 | 165.70 |
| 2.14 | 28 | 44.56 | 60 | 95.49 | — | — | — | — | — | — | — | — | 86.24 | 99.23 | 112.11 |
| 2.14 | 14 | 22.28 | 30 | 47.75 | — | 56.05 ⑤ | 68.82 | 81.51 | 94.14 | 106.74 | 119.32 | 131.89 | 144.44 | 156.98 | 169.52 |
| 2.17 | 12 | 19.10 | 26 | 41.38 | 51.29 ⑤ | 64.03 ⑤ | 76.69 ⑤ | 89.31 ⑤ | 101.89 ⑤ | 114.46 ⑤ | 127.01 ⑤ | 139.56 ⑤ | 152.09 ⑤ | 164.62 ⑤ | 177.15 ⑤ |
| 2.18 | 22 | 35.01 | 48 | 76.39 | — | — | — | — | — | 72.03 | 84.98 | 97.81 | 110.56 | 123.26 | 135.93 |
| 2.20 | 20 | 31.83 | 44 | 70.03 | — | — | — | — | — | 80.23 | 93.04 | 105.78 | 118.46 | 131.11 | 143.73 |
| 2.22 | 18 | 28.65 | 40 | 63.66 | — | — | — | 62.55 | 75.47 | 88.26 | 100.98 | 113.65 | 126.29 | 138.90 | 151.49 |

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 | 6以上 | ⑤ | ④ | ③ | ② |
|-----------|-----|-----|-----|-----|-----|
| 補正係数 (Km) | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm | | | | | | | | | | | | | | 回転比 |
|----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------|
| 標準 | 標準 | 標準 | 標準 | 標準 | 標準 | 標準 | 標準 | 標準 | 標準 | 標準 | 標準 | 標準 | 標準 | |
| T5-95Z 95歯 475 | T5-100Z 100歯 500 | T5-105Z 105歯 525 | T5-110Z 110歯 550 | T5-115Z 115歯 575 | T5-120Z 120歯 600 | T5-125Z 125歯 625 | T5-130Z 130歯 650 | T5-140Z 140歯 700 | T5-150Z 150歯 750 | T5-160Z 165歯 800 | T5-170Z 170歯 850 | T5-180Z 180歯 900 | T5-200Z 188歯 1000 | |
| 152.20 | 164.72 | 177.24 | 189.76 | 202.27 | 214.79 | 227.30 | 239.81 | 264.83 | 289.84 | 314.86 | 339.87 | 364.88 | 414.89 | 1.43 |
| 194.94 | 207.45 | 219.95 | 232.45 | 244.95 | 257.46 | 269.96 | 282.46 | 307.46 | 332.47 | 357.47 | 382.47 | 407.47 | 457.48 | 1.43 |
| 161.01 | 173.53 | 186.04 | 198.56 | 211.07 | 223.58 | 236.09 | 248.60 | 273.61 | 298.62 | 323.63 | 348.64 | 373.65 | 423.66 | 1.44 |
| 182.39 | 194.90 | 207.40 | 219.91 | 232.41 | 244.92 | 257.42 | 269.92 | 294.93 | 319.94 | 344.94 | 369.95 | 394.95 | 444.95 | 1.44 |
| 169.81 | 182.33 | 194.84 | 207.35 | 219.86 | 232.36 | 244.87 | 257.38 | 282.39 | 307.40 | 332.40 | 357.41 | 382.42 | 432.43 | 1.45 |
| 144.57 | 157.10 | 169.63 | 182.16 | 194.68 | 207.20 | 219.72 | 232.23 | 257.26 | 282.28 | 307.30 | 332.31 | 357.33 | 407.35 | 1.47 |
| 191.17 | 203.67 | 216.18 | 228.68 | 241.19 | 253.69 | 266.19 | 278.69 | 303.70 | 328.70 | 353.71 | 378.71 | 403.71 | 453.72 | 1.47 |
| 111.36 | 123.98 | 136.57 | 149.15 | 161.72 | 174.27 | 186.82 | 199.36 | 224.44 | 249.49 | 274.54 | 299.58 | 324.61 | 374.66 | 1.50 |
| 136.91 | 149.46 | 162.00 | 174.54 | 187.07 | 199.59 | 212.12 | 224.64 | 249.68 | 274.70 | 299.73 | 324.75 | 349.77 | 399.80 | 1.50 |
| 162.22 | 174.74 | 187.26 | 199.77 | 212.29 | 224.80 | 237.31 | 249.82 | 274.83 | 299.85 | 324.86 | 349.87 | 374.88 | 424.89 | 1.50 |
| 174.82 | 187.33 | 199.84 | 212.35 | 224.86 | 237.37 | 249.87 | 262.38 | 287.39 | 312.40 | 337.41 | 362.41 | 387.42 | 437.43 | 1.50 |
| 187.39 | 199.90 | 212.40 | 224.91 | 237.41 | 249.92 | 262.42 | 274.93 | 299.93 | 324.94 | 349.94 | 374.95 | 399.95 | 449.95 | 1.50 |
| 199.94 ⑤ | 212.45 ⑤ | 224.95 ⑤ | 237.45 ⑤ | 249.95 ⑤ | 262.46 ⑤ | 274.96 ⑤ | 287.46 ⑤ | 312.46 ⑤ | 337.47 ⑤ | 362.47 ⑤ | 387.47 ⑤ | 412.47 ⑤ | 462.48 ⑤ | 1.50 |
| 154.60 | 167.13 | 179.65 | 192.18 | 204.70 | 217.21 | 229.73 | 242.24 | 267.27 | 292.29 | 317.30 | 342.32 | 367.33 | 417.35 | 1.54 |
| 134.24 | 146.80 | 159.36 | 171.90 | 184.44 | 196.98 | 209.51 | 222.04 | 247.08 | 272.12 | 297.15 | 322.18 | 347.20 | 397.24 | 1.56 |
| 179.82 | 192.34 | 204.85 | 217.35 | 229.86 | 242.37 | 254.88 | 267.38 | 292.39 | 317.40 | 342.41 | 367.41 | 392.42 | 442.43 | 1.56 |
| 186.11 | 198.62 | 211.13 | 223.64 | 236.14 | 248.65 | 261.15 | 273.66 | 298.66 | 323.67 | 348.68 | 373.68 | 398.69 | 448.69 | 1.56 |
| 146.95 | 159.49 | 172.03 | 184.56 | 197.09 | 209.61 | 222.14 | 234.65 | 259.66 | 284.72 | 309.74 | 334.76 | 359.77 | 409.80 | 1.57 |
| 192.39 | 204.90 | 217.41 | 229.91 | 242.42 | 254.92 | 267.42 | 279.93 | 304.93 | 329.94 | 354.94 | 379.95 | 404.95 | 454.96 | 1.57 |
| 139.26 | 151.82 | 164.38 | 176.92 | 189.46 | 201.99 | 214.52 | 227.05 | 252.09 | 277.13 | 302.16 | 327.19 | 352.21 | 402.24 | 1.60 |
| 155.79 | 168.33 | 180.86 | 193.38 | 205.90 | 218.42 | 230.94 | 243.46 | 268.48 | 293.51 | 318.53 | 343.54 | 368.56 | 418.58 | 1.60 |
| 172.24 | 184.75 | 197.27 | 209.78 | 222.29 | 234.81 | 247.32 | 259.82 | 284.84 | 309.85 | 334.86 | 359.87 | 384.88 | 434.90 | 1.60 |
| 188.61 | 201.12 | 213.63 | 226.14 | 238.64 | 251.15 | 263.65 | 276.16 | 301.16 | 326.17 | 351.18 | 376.18 | 401.19 | 451.19 | 1.60 |
| 184.83 | 197.34 | 209.85 | 222.36 | 234.87 | 247.37 | 259.88 | 272.38 | 297.39 | 322.40 | 347.41 | 372.41 | 397.42 | 447.43 | 1.63 |
| 164.62 | 177.15 | 189.67 | 202.19 | 214.71 | 227.23 | 239.74 | 252.25 | 277.28 | 302.29 | 327.31 | 352.32 | 377.34 | 427.35 | 1.64 |
| 115.93 | 128.58 | 141.21 | 153.81 | 166.40 | 178.98 | 191.55 | 204.11 | 229.20 | 254.28 | 279.35 | 304.40 | 329.45 | 379.52 | 1.67 |
| 136.57 | 149.15 | 161.72 | 174.27 | 186.82 | 199.36 | 211.90 | 224.44 | 249.49 | 274.54 | 299.58 | 324.61 | 349.64 | 399.68 | 1.67 |
| 156.98 | 169.52 | 182.05 | 194.58 | 207.11 | 219.63 | 232.15 | 244.67 | 269.70 | 294.72 | 319.75 | 344.76 | 369.78 | 419.81 | 1.67 |
| 177.24 | 189.76 | 202.27 | 214.79 | 227.30 | 239.81 | 252.32 | 264.83 | 289.84 | 314.86 | 339.87 | 364.88 | 389.88 | 439.90 | 1.67 |
| 187.33 | 199.84 | 212.35 | 224.86 | 237.37 | 249.87 | 262.38 | 274.88 | 299.89 | 324.90 | 349.91 | 374.92 | 399.92 | 449.93 | 1.67 |
| 197.40 ⑤ | 209.90 ⑤ | 222.41 ⑤ | 234.91 ⑤ | 247.42 ⑤ | 259.92 ⑤ | 272.43 ⑤ | 284.93 ⑤ | 309.93 ⑤ | 334.94 ⑤ | 359.94 ⑤ | 384.95 ⑤ | 409.95 ⑤ | 459.96 ⑤ | 1.67 |
| 149.31 | 161.87 | 174.41 | 186.95 | 199.49 | 212.02 | 224.54 | 237.07 | 262.11 | 287.14 | 312.17 | 337.20 | 362.22 | 412.25 | 1.69 |
| 141.61 | 154.18 | 166.74 | 179.29 | 191.84 | 204.38 | 216.92 | 229.45 | 254.50 | 279.55 | 304.58 | 329.62 | 354.64 | 404.69 | 1.71 |
| 189.83 | 202.34 | 214.85 | 227.36 | 239.87 | 252.37 | 264.88 | 277.39 | 302.40 | 327.40 | 352.41 | 377.42 | 402.42 | 452.43 | 1.71 |
| 186.04 | 198.56 | 211.07 | 223.58 | 236.09 | 248.60 | 261.10 | 273.61 | 298.62 | 323.63 | 348.64 | 373.65 | 398.65 | 448.66 | 1.73 |
| 182.25 | 194.77 | 207.28 | 219.79 | 232.30 | 244.81 | 257.32 | 269.83 | 294.85 | 319.86 | 344.87 | 369.88 | 394.88 | 444.90 | 1.75 |
| 150.49 | 163.05 | 175.60 | 188.14 | 200.68 | 213.21 | 225.74 | 238.27 | 263.32 | 288.35 | 313.39 | 338.41 | 363.44 | 413.47 | 1.76 |
| 174.64 | 187.17 | 199.69 | 212.21 | 224.72 | 237.24 | 249.75 | 262.26 | 287.28 | 312.30 | 337.32 | 362.33 | 387.34 | 437.36 | 1.78 |
| 138.90 | 151.49 | 164.07 | 176.63 | 189.19 | 201.74 | 214.28 | 226.82 | 251.89 | 276.95 | 301.99 | 327.03 | 352.06 | 402.12 | 1.79 |
| 188.55 | 201.06 | 213.57 | 226.08 | 238.59 | 251.10 | 263.60 | 276.11 | 301.12 | 326.13 | 351.14 | 376.15 | 401.15 | 451.17 | 1.79 |
| 167.01 | 179.55 | 192.08 | 204.60 | 217.13 | 229.65 | 242.17 | 254.68 | 279.71 | 304.73 | 329.75 | 354.77 | 379.79 | 429.81 | 1.80 |
| 159.36 | 171.90 | 184.44 | 196.98 | 209.51 | 222.04 | 234.56 | 247.08 | 272.12 | 297.15 | 322.18 | 347.20 | 372.22 | 422.26 | 1.82 |
| 151.66 | 164.23 | 176.78 | 189.33 | 201.87 | 214.41 | 226.94 | 239.47 | 264.52 | 289.56 | 314.60 | 339.63 | 364.65 | 414.69 | 1.83 |
| 194.84 ⑤ | 207.35 ⑤ | 219.86 ⑤ | 232.36 ⑤ | 244.87 ⑤ | 257.38 ⑤ | 269.88 ⑤ | 282.39 ⑤ | 307.40 ⑤ | 332.40 ⑤ | 357.41 ⑤ | 382.42 ⑤ | 407.42 ⑤ | 457.43 ⑤ | 1.83 |
| 143.94 | 156.52 | 169.09 | 181.66 | 194.21 | 206.76 | 219.30 | 231.84 | 256.90 | 281.96 | 307.00 | 332.04 | 357.07 | 407.12 | 1.85 |
| 187.26 | 199.77 | 212.29 | 224.80 | 237.31 | 249.82 | 262.33 | 274.83 | 299.85 | 324.86 | 349.87 | 374.88 | 399.89 | 449.90 | 1.86 |
| 183.46 | 195.98 | 208.49 | 221.01 | 233.52 | 246.03 | 258.54 | 271.05 | 296.07 | 321.08 | 346.10 | 371.11 | 396.11 | 446.13 | 1.87 |
| 120.44 | 133.14 | 145.80 | 158.43 | 171.05 | 183.65 | 196.24 | 208.81 | 233.94 | 259.04 | 284.13 | 309.20 | 334.26 | 384.35 | 1.88 |
| 179.65 | 192.18 | 204.70 | 217.21 | 229.73 | 242.24 | 254.76 | 267.27 | 292.29 | 317.30 | 342.32 | 367.33 | 392.34 | 442.36 | 1.88 |
| 141.21 | 153.81 | 166.40 | 178.98 | 191.55 | 204.11 | 216.66 | 229.20 | 254.28 | 279.35 | 304.40 | 329.45 | 354.49 | 404.55 | 1.92 |
| 145.10 | 157.69 | 170.27 | 182.83 | 195.39 | 207.94 | 220.49 | 233.03 | 258.10 | 283.16 | 308.21 | 333.25 | 358.28 | 408.34 | 1.92 |
| 122.68 | 135.40 | 148.08 | 160.73 | 173.36 | 185.97 | 198.56 | 211.15 | 236.29 | 261.41 | 286.51 | 311.59 | 336.65 | 386.76 | 2.00 |
| 142.36 | 154.97 | 167.57 | 180.15 | 192.72 | 205.29 | 217.84 | 230.39 | 255.48 | 280.54 | 305.60 | 330.65 | 355.69 | 405.76 | 2.00 |
| 146.25 | 158.85 | 171.44 | 184.01 | 196.57 | 209.13 | 221.68 | 234.22 | 259.30 | 284.36 | 309.41 | 334.45 | 359.49 | 409.55 | 2.00 |
| 154.00 | 166.58 | 179.14 | 191.70 | 204.25 | 216.79 | 229.33 | 241.87 | 266.93 | 291.98 | 317.02 | 342.05 | 367.08 | 417.13 | 2.00 |
| 161.72 | 174.27 | 186.82 | 199.36 | 211.90 | 224.44 | 236.97 | 249.49 | 274.54 | 299.58 | 324.61 | 349.64 | 374.66 | 424.70 | 2.00 |
| 169.39 | 181.94 | 194.47 | 207.00 | 219.53 | 232.06 | 244.58 | 257.10 | 282.14 | 307.17 | 332.19 | 357.21 | 382.23 | 432.26 | 2.00 |
| 177.04 | 189.57 | 202.10 | 214.62 | 227.14 | 239.66 | 252.18 | 264.69 | 289.72 | 314.74 | 339.76 | 364.78 | 389.79 | 439.82 | 2.00 |
| 180.86 | 193.38 | 205.90 | 218.42 | 230.94 | 243.46 | 255.97 | 268.48 | 293.51 | 318.53 | 343.54 | 368.56 | 393.57 | 443.59 | 2.00 |
| 184.66 | 197.19 | 209.70 | 222.22 | 234.74 | 247.25 | 259.76 | 272.27 | 297.29 | 322.31 | 347.32 | 372.33 | 397.34 | 447.36 | 2.00 |
| 192.26 ⑤ | 204.78 ⑤ | 217.29 ⑤ | 229.80 ⑤ | 242.31 ⑤ | 254.82 ⑤ | 267.33 ⑤ | 279.84 ⑤ | 304.85 ⑤ | 329.86 ⑤ | 354.87 ⑤ | 379.88 ⑤ | 404.89 ⑤ | 454.90 ⑤ | 2.00 |
| 143.51 | 156.13 | 168.73 | 181.32 | 193.90 | 206.46 | 219.02 | 231.58 | 256.67 | 281.74 | 306.80 | 331.86 | 356.90 | 406.97 | 2.08 |
| 190.97 ⑤ | 203.49 ⑤ | 216.00 ⑤ | 228.52 ⑤ | 241.03 ⑤ | 253.54 ⑤ | 266.05 ⑤ | 278.56 ⑤ | 303.57 ⑤ | 328.59 ⑤ | 353.60 ⑤ | 378.61 ⑤ | 403.62 ⑤ | 453.63 ⑤ | 2.08 |
| 178.24 | 190.77 | 203.30 | 215.83 | 228.35 | 240.87 | 253.39 | 265.91 | 290.94 | 315.96 | 340.98 | 366.00 | 391.02 | 441.04 | 2.13 |
| 124.90 | 137.64 | 150.34 | 163.01 | 175.65 | 188.28 | 200.89 | 213.48 | 238.64 | 263.77 | 288.88 | 313.97 | 339.04 | 389.17 | 2.14 |
| 182.05 | 194.58 | 207.11 | 219.63 | 232.15 | 244.67 | 257.18 | 269.70 | 294.72 | 319.75 | 344.76 | 369.78 | 394.79 | 444.82 | 2.14 |
| 189.67 ⑤ | 202.19 ⑤ | 214.71 ⑤ | 227.23 ⑤ | 239.74 ⑤ | 252.25 ⑤ | 264.77 ⑤ | 277.28 ⑤ | 302.29 ⑤ | 327.31 ⑤ | 352.32 ⑤ | 377.3 | | | |

Timing Belt Type G & Type U ■設計資料編

T5

設計表

2.25~5.00

表24-T5 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|------|--------|------------|------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | T5-40Z 40歯 200 | T5-45Z 45歯 225 | T5-50Z 50歯 250 | T5-55Z 55歯 275 | T5-60Z 60歯 300 | T5-65Z 65歯 325 | T5-70Z 70歯 350 | T5-75Z 75歯 375 | T5-80Z 80歯 400 | T5-85Z 85歯 425 | T5-90Z 90歯 450 |
| 2.25 | 16 | 25.46 | 36 | 57.30 | — | — | 57.81 | 70.71 | 83.48 | 96.18 | 108.84 | 121.46 | 134.06 | 146.64 | 159.20 |
| 2.27 | 22 | 35.01 | 50 | 79.58 | — | — | — | — | — | 68.90 | 81.97 | 94.88 | 107.70 | 120.44 | 133.14 |
| 2.29 | 14 | 22.28 | 32 | 50.93 | — | 53.07⑤ | 65.94 | 78.70 | 91.38 | 104.01 | 116.62 | 129.21 | 141.78 | 154.34 | 166.89 |
| 2.31 | 26 | 41.38 | 60 | 95.49 | — | — | — | — | — | — | — | — | 88.36 | 101.39 | 114.30 |
| 2.33 | 12 | 19.10 | 28 | 44.56 | 48.32④ | 61.17⑤ | 73.90⑤ | 86.56⑤ | 99.18⑤ | 111.77⑤ | 124.35⑤ | 136.91⑤ | 149.46⑤ | 162.00⑤ | 174.54⑤ |
| 2.40 | 25 | 39.79 | 60 | 95.49 | — | — | — | — | — | — | — | — | 89.41 | 102.46 | 115.39 |
| 2.40 | 20 | 31.83 | 48 | 76.39 | — | — | — | — | — | 74.15 | 87.15 | 100.02 | 112.80 | 125.52 | 138.20 |
| 2.40 | 15 | 23.87 | 36 | 57.30 | — | — | 58.88 | 71.81 | 84.60 | 97.32 | 109.98 | 122.61 | 135.22 | 147.81 | 160.38 |
| 2.44 | 18 | 28.65 | 44 | 70.03 | — | — | — | — | 69.42 | 82.40 | 95.25 | 108.02 | 120.73 | 133.40 | 146.03 |
| 2.50 | 24 | 38.20 | 60 | 95.49 | — | — | — | — | — | — | — | 77.18 | 90.46 | 103.54 | 116.48 |
| 2.50 | 20 | 31.83 | 50 | 79.58 | — | — | — | — | — | 70.99 | 84.11 | 97.06 | 109.91 | 122.68 | 135.40 |
| 2.50 | 16 | 25.46 | 40 | 63.66 | — | — | — | 64.68 | 77.65 | 90.48 | 103.23 | 115.93 | 128.58 | 141.21 | 153.81 |
| 2.50 | 12 | 19.10 | 30 | 47.75 | 45.23④ | 58.24⑤ | 71.06⑤ | 83.78⑤ | 96.44⑤ | 109.06⑤ | 121.66⑤ | 134.24⑤ | 146.80⑤ | 159.36⑤ | 171.90⑤ |
| 2.57 | 14 | 22.28 | 36 | 57.30 | — | — | 59.94⑤ | 72.90⑤ | 85.71 | 98.44 | 111.12 | 123.76 | 136.38 | 148.97 | 161.55 |
| 2.67 | 18 | 28.65 | 48 | 76.39 | — | — | — | — | 62.97 | 76.26 | 89.31 | 102.21 | 115.02 | 127.77 | 140.47 |
| 2.67 | 15 | 23.87 | 40 | 63.66 | — | — | — | 65.74 | 78.74 | 91.59 | 104.35 | 117.06 | 129.72 | 142.36 | 154.97 |
| 2.67 | 12 | 19.10 | 32 | 50.93 | — | 55.21④ | 68.14⑤ | 80.94⑤ | 93.65⑤ | 106.31⑤ | 118.94⑤ | 131.54⑤ | 144.12⑤ | 156.69⑤ | 169.25⑤ |
| 2.73 | 22 | 35.01 | 60 | 95.49 | — | — | — | — | 34.09 | 51.04 | 65.52 | 79.23 | 92.56 | 105.67 | 118.65 |
| 2.75 | 16 | 25.46 | 44 | 70.03 | — | — | — | 58.24 | 71.53 | 84.56 | 97.45 | 110.25 | 122.98 | 135.67 | 148.33 |
| 2.78 | 18 | 28.65 | 50 | 79.58 | — | — | — | — | 59.56 | 73.06 | 86.24 | 99.23 | 112.11 | 124.90 | 137.64 |
| 2.86 | 14 | 22.28 | 40 | 63.66 | — | — | 53.50⑤ | 66.80⑤ | 79.82⑤ | 92.69 | 105.47 | 118.19 | 130.86 | 143.51 | 156.13 |
| 2.93 | 15 | 23.87 | 44 | 70.03 | — | — | — | 59.26⑤ | 72.58⑤ | 85.64 | 98.55 | 111.36 | 124.10 | 136.80 | 149.47 |
| 3.00 | 20 | 31.83 | 60 | 95.49 | — | — | — | — | 35.88 | 52.93 | 67.49 | 81.27 | 94.65 | 107.80 | 120.81 |
| 3.00 | 16 | 25.46 | 48 | 76.39 | — | — | — | — | 65.01 | 78.36 | 91.45 | 104.39 | 117.23 | 130.01 | 142.73 |
| 3.00 | 12 | 19.10 | 36 | 57.30 | — | 48.76④ | 62.06④ | 75.07⑤ | 87.93⑤ | 100.69⑤ | 113.39⑤ | 126.05⑤ | 138.68⑤ | 151.29⑤ | 163.89⑤ |
| 3.13 | 16 | 25.46 | 50 | 79.58 | — | — | — | — | — | 75.13 | 88.36 | 101.39 | 114.30 | 127.12 | 139.88 |
| 3.14 | 14 | 22.28 | 44 | 70.03 | — | — | — | 60.27⑤ | 73.63⑤ | 86.71⑤ | 99.64⑤ | 112.47 | 125.22 | 137.93 | 150.61 |
| 3.20 | 15 | 23.87 | 48 | 76.39 | — | — | — | — | 66.03⑤ | 79.41⑤ | 92.52 | 105.48 | 118.34 | 131.12 | 143.85 |
| 3.33 | 18 | 28.65 | 60 | 95.49 | — | — | — | — | — | — | — | 83.29 | 96.73 | 109.92 | 122.96 |
| 3.33 | 15 | 23.87 | 50 | 79.58 | — | — | — | — | 62.55⑤ | 76.16⑤ | 89.41 | 102.46 | 115.39 | 128.23 | 141.00 |
| 3.33 | 12 | 19.10 | 40 | 63.66 | — | — | 55.53④ | 68.90④ | 81.97④ | 94.88⑤ | 107.70⑤ | 120.44⑤ | 133.14⑤ | 145.80⑤ | 158.43⑤ |
| 3.43 | 14 | 22.28 | 48 | 76.39 | — | — | — | — | 67.04⑤ | 80.45⑤ | 93.59⑤ | 106.57⑤ | 119.44⑤ | 132.23 | 144.98 |
| 3.57 | 14 | 22.28 | 50 | 79.58 | — | — | — | — | 63.54④ | 77.18⑤ | 90.46⑤ | 103.54⑤ | 116.48⑤ | 129.33 | 142.11 |
| 3.67 | 12 | 19.10 | 44 | 70.03 | — | — | — | 62.30④ | 75.72④ | 88.85④ | 101.82⑤ | 114.67⑤ | 127.46⑤ | 140.19⑤ | 152.88⑤ |
| 3.75 | 16 | 25.46 | 60 | 95.49 | — | — | — | — | — | — | 71.42⑤ | 85.31⑤ | 98.80 | 112.03 | 125.10 |
| 4.00 | 15 | 23.87 | 60 | 95.49 | — | — | — | — | — | — | 72.39⑤ | 86.32⑤ | 99.83⑤ | 113.08⑤ | 126.17 |
| 4.00 | 12 | 19.10 | 48 | 76.39 | — | — | — | — | 69.06④ | 82.53④ | 95.71④ | 108.73④ | 121.63⑤ | 134.45⑤ | 147.21⑤ |
| 4.17 | 12 | 19.10 | 50 | 79.58 | — | — | — | — | 65.52④ | 79.23④ | 92.56④ | 105.67④ | 118.65⑤ | 131.52⑤ | 144.33⑤ |
| 4.29 | 14 | 22.28 | 60 | 95.49 | — | — | — | — | — | — | 73.37④ | 87.33⑤ | 100.86⑤ | 114.13⑤ | 127.23⑤ |
| 5.00 | 12 | 19.10 | 60 | 95.49 | — | — | — | — | — | — | 75.31④ | 89.33④ | 102.91④ | 116.22④ | 129.36④ |

T5

2.25~5.00

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 | 6以上 | ⑤ | ④ | ③ | ② |
|-----------|-----|-----|-----|-----|-----|
| 補正係数 (Km) | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm | | | | | | | | | | | | | | 回転比 |
|----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------|
| T5-95Z 95歯 475 | T5-100Z 100歯 500 | T5-105Z 105歯 525 | T5-110Z 110歯 550 | T5-115Z 115歯 575 | T5-120Z 120歯 600 | T5-125Z 125歯 625 | T5-130Z 130歯 650 | T5-140Z 140歯 700 | T5-150Z 150歯 750 | T5-160Z 160歯 800 | T5-170Z 170歯 850 | T5-180Z 180歯 900 | T5-200Z 200歯 1000 | |
| 171.76 | 184.31 | 196.86 | 209.40 | 221.93 | 234.46 | 246.99 | 259.51 | 284.55 | 309.59 | 334.62 | 359.65 | 384.67 | 434.71 | 2.25 |
| 145.80 | 158.43 | 171.05 | 183.65 | 196.24 | 208.81 | 221.38 | 233.94 | 259.04 | 284.13 | 309.20 | 334.26 | 359.31 | 409.39 | 2.27 |
| 179.43 | 191.97 | 204.50 | 217.03 | 229.55 | 242.08 | 254.60 | 267.12 | 292.15 | 317.18 | 342.20 | 367.22 | 392.24 | 442.27 | 2.29 |
| 127.12 | 139.88 | 152.60 | 165.29 | 177.94 | 190.58 | 203.20 | 215.80 | 240.98 | 266.12 | 291.24 | 316.34 | 341.43 | 391.57 | 2.31 |
| 187.07⑤ | 199.59⑤ | 212.12⑤ | 224.64⑤ | 237.16⑤ | 249.68⑤ | 262.19⑤ | 274.70⑤ | 299.73⑤ | 324.75⑤ | 349.77⑤ | 374.78⑤ | 399.80⑤ | 449.82⑤ | 2.33 |
| 128.23 | 141.00 | 153.73 | 166.42 | 179.08 | 191.73 | 204.35 | 216.96 | 242.15 | 267.30 | 292.42 | 317.53 | 342.62 | 392.76 | 2.40 |
| 150.85 | 163.48 | 176.09 | 188.68 | 201.27 | 213.84 | 226.40 | 238.96 | 264.06 | 289.14 | 314.21 | 339.27 | 364.32 | 414.40 | 2.40 |
| 172.94 | 185.50 | 198.04 | 210.59 | 223.12 | 235.66 | 248.19 | 260.71 | 285.76 | 310.80 | 335.83 | 360.86 | 385.89 | 435.93 | 2.40 |
| 158.65 | 171.25 | 183.84 | 196.41 | 208.98 | 221.53 | 234.09 | 246.63 | 271.71 | 296.78 | 321.83 | 346.88 | 371.92 | 421.99 | 2.44 |
| 129.33 | 142.11 | 154.85 | 167.55 | 180.22 | 192.87 | 205.50 | 218.12 | 243.31 | 268.47 | 293.60 | 318.71 | 343.81 | 393.96 | 2.50 |
| 148.08 | 160.73 | 173.36 | 185.97 | 198.56 | 211.15 | 223.73 | 236.29 | 261.41 | 286.51 | 311.59 | 336.65 | 361.71 | 411.81 | 2.50 |
| 166.40 | 178.98 | 191.55 | 204.11 | 216.66 | 229.20 | 241.75 | 254.28 | 279.35 | 304.40 | 329.45 | 354.49 | 379.52 | 429.58 | 2.50 |
| 184.44⑤ | 196.98⑤ | 209.51⑤ | 222.04⑤ | 234.56⑤ | 247.08⑤ | 259.60⑤ | 272.12⑤ | 297.15⑤ | 322.18⑤ | 347.20⑤ | 372.22⑤ | 397.24⑤ | 447.27⑤ | 2.50 |
| 174.12 | 186.68 | 199.23 | 211.78 | 224.32 | 236.85 | 249.39 | 261.91 | 286.97 | 312.01 | 337.05 | 362.08 | 387.10 | 437.15 | 2.57 |
| 153.14 | 165.78 | 178.40 | 191.01 | 203.60 | 216.18 | 228.75 | 241.32 | 266.43 | 291.52 | 316.60 | 341.67 | 366.72 | 416.82 | 2.67 |
| 167.57 | 180.15 | 192.72 | 205.29 | 217.84 | 230.39 | 242.94 | 255.48 | 280.54 | 305.60 | 330.65 | 355.69 | 380.73 | 430.79 | 2.67 |
| 181.80⑤ | 194.35⑤ | 206.89⑤ | 219.42⑤ | 231.95⑤ | 244.48⑤ | 257.01⑤ | 269.53⑤ | 294.57⑤ | 319.60⑤ | 344.63⑤ | 369.66⑤ | 394.68⑤ | 444.72⑤ | 2.67 |
| 131.52 | 144.33 | 157.09 | 169.81 | 182.49 | 195.16 | 207.80 | 220.43 | 245.64 | 270.81 | 295.96 | 321.08 | 346.18 | 396.35 | 2.73 |
| 160.96 | 173.57 | 186.17 | 198.75 | 211.33 | 223.89 | 236.45 | 249.00 | 274.09 | 299.17 | 324.23 | 349.29 | 374.34 | 424.42 | 2.75 |
| 150.34 | 163.01 | 175.65 | 188.28 | 200.89 | 213.48 | 226.07 | 238.64 | 263.77 | 288.88 | 313.97 | 339.04 | 364.11 | 414.22 | 2.78 |
| 168.73 | 181.32 | 193.90 | 206.46 | 219.02 | 231.58 | 244.12 | 256.67 | 281.74 | 306.80 | 331.86 | 356.90 | 381.94 | 432.00 | 2.86 |
| 162.11 | 174.73 | 187.33 | 199.92 | 212.50 | 225.07 | 237.63 | 250.19 | 275.28 | 300.36 | 325.43 | 350.49 | 375.54 | 425.62 | 2.93 |
| 133.71 | 146.54 | 159.32 | 172.06 | 184.76 | 197.43 | 210.09 | 222.73 | 247.96 | 273.15 | 298.30 | 323.43 | 348.55 | 398.73 | 3.00 |
| 155.41 | 168.07 | 180.71 | 193.32 | 205.93 | 218.52 | 231.10 | 243.67 | 268.79 | 293.90 | 318.98 | 344.06 | 369.12 | 419.23 | 3.00 |
| 176.47⑤ | 189.04⑤ | 201.60⑤ | 214.15⑤ | 226.70⑤ | 239.24⑤ | 251.78⑤ | 264.31⑤ | 289.37⑤ | 314.42⑤ | 339.46⑤ | 364.50⑤ | 389.53⑤ | 439.59⑤ | 3.00 |
| 152.60 | 165.29 | 177.94 | 190.58 | 203.20 | 215.80 | 228.40 | 240.98 | 266.12 | 291.24 | 316.34 | 341.43 | 366.50 | 416.62 | 3.13 |
| 163.25 | 175.88 | 188.49 | 201.08 | 213.67 | 226.24 | 238.81 | 251.37 | 276.47 | 301.56 | 326.63 | 351.69 | 376.74 | 426.83 | 3.14 |
| 156.55 | 169.21 | 181.85 | 194.48 | 207.08 | 219.68 | 232.27 | 244.84 | 269.97 | 295.08 | 320.17 | 345.25 | 370.32 | 420.43 | 3.20 |
| 135.89 | 148.75 | 161.54 | 174.30 | 187.01 | 199.70 | 212.37 | 225.02 | 250.27 | 275.47 | 300.64 | 325.79 | 350.91 | 401.11 | 3.33 |
| 153.73 | 166.42 | 179.08 | 191.73 | 204.35 | 216.96 | 229.56 | 242.15 | 267.30 | 292.42 | 317.53 | 342.62 | 367.70 | 417.82 | 3.33 |
| 171.05⑤ | 183.65⑤ | 196.24⑤ | 208.81⑤ | 221.38⑤ | 233.94⑤ | 246.49⑤ | 259.04⑤ | 284.13⑤ | 309.20⑤ | 334.26⑤ | 359.31⑤ | 384.35⑤ | 434.43⑤ | 3.33 |
| 157.68 | 170.35 | 183.00 | 195.63 | 208.24 | 220.84 | 233.43 | 246.01 | 271.15 | 296.26 | 321.36 | 346.44 | 371.51 | 421.63 | 3.43 |
| 154.85 | 167.55 | 180.22 | 192.87 | 205.50 | 218.12 | 230.72 | 243.31 | 268.47 | 293.60 | 318.71 | 343.81 | 368.89 | 419.02 | 3.57 |
| 165.54⑤ | 178.18⑤ | 190.80⑤ | 203.41⑤ | 216.00⑤ | 228.58⑤ | 241.16⑤ | 253.72⑤ | 278.84⑤ | 303.93⑤ | 329.01⑤ | 354.08⑤ | 379.14⑤ | 429.24⑤ | 3.67 |
| 138.06 | 150.94 | 163.76 | 176.53 | 189.26 | 201.96 | 214.64 | 227.30 | 252.57 | 277.79 | 302.98 | 328.13 | 353.26 | 403.48 | 3.75 |
| 139.14 | 152.03 | 164.86 | 177.64 | 190.38 | 203.09 | 215.78 | 228.44 | 253.72 | 278.95 | 304.14 | 329.30 | 354.44 | 404.67 | 4.00 |
| 159.93⑤ | 172.62⑤ | 185.29⑤ | 197.93⑤ | 210.55⑤ | 223.16⑤ | 235.76⑤ | 248.35⑤ | 273.50⑤ | 298.63⑤ | 323.73⑤ | 348.82⑤ | 373.90⑤ | 424.03⑤ | 4.00 |
| 157.09⑤ | 169.81⑤ | 182.49⑤ | 195.16⑤ | 207.80⑤ | 220.43⑤ | 233.04⑤ | 245.64⑤ | 270.81⑤ | 295.96⑤ | 321.08⑤ | 346.18⑤ | 371.27⑤ | 421.42⑤ | 4.17 |
| 140.22⑤ | 153.12⑤ | 165.96⑤ | 178.75⑤ | 191.50⑤ | 204.22⑤ | 216.91⑤ | 229.58⑤ | 254.87⑤ | 280.11⑤ | 305.31⑤ | 330.47⑤ | 355.62⑤ | 405.85⑤ | 4.29 |
| 142.38④ | 155.30⑤ | 168.16⑤ | 180.97⑤ | 193.73⑤ | 206.47⑤ | 219.17⑤ | 231.85⑤ | 257.16⑤ | 282.42⑤ | 307.63⑤ | 332.81⑤ | 357.96⑤ | 408.21⑤ | 5.00 |

Timing Belt Type G & Type U ■設計資料編

T10

設計表

1.00~1.36

表25-① T10 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離mm | | | | | | | | | | |
|------|--------|--------|------|--------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト | | | | | | | | | | |
| | 歯数 | ピッチ径mm | 歯数 | ピッチ径mm | T10-40Z 40歯 400 | T10-45Z 45歯 450 | T10-50Z 50歯 500 | T10-55Z 55歯 550 | T10-60Z 60歯 600 | T10-65Z 65歯 650 | T10-70Z 70歯 700 | T10-75Z 75歯 750 | T10-80Z 80歯 800 | T10-85Z 85歯 850 | T10-90Z 90歯 900 |
| 1.00 | 48 | 152.79 | 48 | 152.79 | — | — | — | — | — | — | — | — | — | 185.00 | 210.00 |
| 1.00 | 44 | 140.06 | 44 | 140.06 | — | — | — | — | — | — | — | 155.00 | 180.00 | 205.00 | 230.00 |
| 1.00 | 40 | 127.32 | 40 | 127.32 | — | — | — | — | — | — | 150.00 | 175.00 | 200.00 | 225.00 | 250.00 |
| 1.00 | 36 | 114.59 | 36 | 114.59 | — | — | — | — | — | 145.00 | 170.00 | 195.00 | 220.00 | 245.00 | 270.00 |
| 1.00 | 32 | 101.86 | 32 | 101.86 | — | — | — | 115.00 | 140.00 | 165.00 | 190.00 | 215.00 | 240.00 | 265.00 | 290.00 |
| 1.00 | 30 | 95.49 | 30 | 95.49 | — | — | — | 125.00 | 150.00 | 175.00 | 200.00 | 225.00 | 250.00 | 275.00 | 300.00 |
| 1.00 | 28 | 89.13 | 28 | 89.13 | — | — | 110.00 | 135.00 | 160.00 | 185.00 | 210.00 | 235.00 | 260.00 | 285.00 | 310.00 |
| 1.00 | 26 | 82.76 | 26 | 82.76 | — | 95.00 | 120.00 | 145.00 | 170.00 | 195.00 | 220.00 | 245.00 | 270.00 | 295.00 | 320.00 |
| 1.00 | 25 | 79.58 | 25 | 79.58 | — | 100.00 | 125.00 | 150.00 | 175.00 | 200.00 | 225.00 | 250.00 | 275.00 | 300.00 | 325.00 |
| 1.00 | 24 | 76.39 | 24 | 76.39 | — | 105.00 | 130.00 | 155.00 | 180.00 | 205.00 | 230.00 | 255.00 | 280.00 | 305.00 | 330.00 |
| 1.00 | 22 | 70.03 | 22 | 70.03 | 90.00 | 115.00 | 140.00 | 165.00 | 190.00 | 215.00 | 240.00 | 265.00 | 290.00 | 315.00 | 340.00 |
| 1.00 | 20 | 63.66 | 20 | 63.66 | 100.00 | 125.00 | 150.00 | 175.00 | 200.00 | 225.00 | 250.00 | 275.00 | 300.00 | 325.00 | 350.00 |
| 1.00 | 18 | 57.30 | 18 | 57.30 | 110.00 | 135.00 | 160.00 | 185.00 | 210.00 | 235.00 | 260.00 | 285.00 | 310.00 | 335.00 | 360.00 |
| 1.00 | 16 | 50.93 | 16 | 50.93 | 120.00 | 145.00 | 170.00 | 195.00 | 220.00 | 245.00 | 270.00 | 295.00 | 320.00 | 345.00 | 370.00 |
| 1.00 | 15 | 47.75 | 15 | 47.75 | 125.00 | 150.00 | 175.00 | 200.00 | 225.00 | 250.00 | 275.00 | 300.00 | 325.00 | 350.00 | 375.00 |
| 1.00 | 14 | 44.56 | 14 | 44.56 | 130.00 | 155.00 | 180.00 | 205.00 | 230.00 | 255.00 | 280.00 | 305.00 | 330.00 | 355.00 | 380.00 |
| 1.00 | 12 | 38.20 | 12 | 38.20 | 140.00 | 165.00 | 190.00 | 215.00 | 240.00 | 265.00 | 290.00 | 315.00 | 340.00 | 365.00 | 390.00 |
| 1.04 | 48 | 152.79 | 50 | 159.15 | — | — | — | — | — | — | — | — | — | 179.97 | 204.98 |
| 1.04 | 25 | 79.58 | 26 | 82.76 | — | 97.49 | 122.49 | 147.49 | 172.49 | 197.49 | 222.49 | 247.49 | 272.50 | 297.50 | 322.50 |
| 1.04 | 24 | 76.39 | 25 | 79.58 | — | 102.49 | 127.49 | 152.49 | 177.49 | 202.49 | 227.49 | 252.49 | 277.50 | 302.50 | 327.50 |
| 1.07 | 30 | 95.49 | 32 | 101.86 | — | — | — | 119.96 | 144.97 | 169.97 | 194.97 | 219.98 | 244.98 | 269.98 | 294.98 |
| 1.07 | 28 | 89.13 | 30 | 95.49 | — | — | 104.95 | 129.96 | 154.97 | 179.97 | 204.98 | 229.98 | 254.98 | 279.98 | 304.98 |
| 1.07 | 15 | 47.75 | 16 | 50.93 | 122.49 | 147.49 | 172.49 | 197.49 | 222.49 | 247.49 | 272.50 | 297.50 | 322.50 | 347.50 | 372.50 |
| 1.07 | 14 | 44.56 | 15 | 47.75 | 127.49 | 152.49 | 177.49 | 202.49 | 227.49 | 252.49 | 277.50 | 302.50 | 327.50 | 352.50 | 377.50 |
| 1.08 | 26 | 82.76 | 28 | 89.13 | — | — | 114.96 | 139.96 | 164.97 | 189.97 | 214.98 | 239.98 | 264.98 | 289.98 | 314.98 |
| 1.08 | 24 | 76.39 | 26 | 82.76 | — | 99.95 | 124.96 | 149.97 | 174.97 | 199.97 | 224.98 | 249.98 | 274.98 | 299.98 | 324.98 |
| 1.09 | 44 | 140.06 | 48 | 152.79 | — | — | — | — | — | — | — | — | 169.88 | 194.90 | 219.91 |
| 1.09 | 22 | 70.03 | 24 | 76.39 | 84.94 | 109.95 | 134.96 | 159.97 | 184.97 | 209.98 | 234.98 | 259.98 | 284.98 | 309.98 | 334.98 |
| 1.10 | 40 | 127.32 | 44 | 140.06 | — | — | — | — | — | — | — | 164.88 | 189.89 | 214.91 | 239.92 |
| 1.10 | 20 | 63.66 | 22 | 70.03 | 94.95 | 119.96 | 144.97 | 169.97 | 194.97 | 219.98 | 244.98 | 269.98 | 294.98 | 319.98 | 344.99 |
| 1.11 | 36 | 114.59 | 40 | 127.32 | — | — | — | — | — | 134.85 | 159.87 | 184.89 | 209.90 | 234.91 | 259.92 |
| 1.11 | 18 | 57.30 | 20 | 63.66 | 104.95 | 129.96 | 154.97 | 179.97 | 204.98 | 229.98 | 254.98 | 279.98 | 304.98 | 329.98 | 354.99 |
| 1.12 | 25 | 79.58 | 28 | 89.13 | — | — | 117.40 | 142.42 | 167.43 | 192.44 | 217.45 | 242.45 | 267.46 | 292.46 | 317.46 |
| 1.13 | 32 | 101.86 | 36 | 114.59 | — | — | — | — | 129.84 | 154.87 | 179.89 | 204.90 | 229.91 | 254.92 | 279.93 |
| 1.13 | 16 | 50.93 | 18 | 57.30 | 114.96 | 139.96 | 164.97 | 189.97 | 214.98 | 239.98 | 264.98 | 289.98 | 314.98 | 339.99 | 364.99 |
| 1.14 | 44 | 140.06 | 50 | 159.15 | — | — | — | — | — | — | — | — | 164.72 | 189.76 | 214.79 |
| 1.14 | 28 | 89.13 | 32 | 101.86 | — | — | — | 124.84 | 149.86 | 174.88 | 199.90 | 224.91 | 249.92 | 274.93 | 299.93 |
| 1.14 | 22 | 70.03 | 25 | 79.58 | — | 107.39 | 132.41 | 157.43 | 182.44 | 207.45 | 232.45 | 257.46 | 282.46 | 307.46 | 332.47 |
| 1.14 | 14 | 44.56 | 16 | 50.93 | 124.96 | 149.97 | 174.97 | 199.97 | 224.98 | 249.98 | 274.98 | 299.98 | 324.98 | 349.99 | 374.99 |
| 1.15 | 26 | 82.76 | 30 | 95.49 | — | — | 109.82 | 134.85 | 159.87 | 184.89 | 209.90 | 234.91 | 259.92 | 284.93 | 309.93 |
| 1.17 | 24 | 76.39 | 28 | 89.13 | — | 94.79 | 119.83 | 144.86 | 169.88 | 194.90 | 219.91 | 244.92 | 269.92 | 294.93 | 319.94 |
| 1.17 | 12 | 38.20 | 14 | 44.56 | 134.96⑤ | 159.97⑤ | 184.97⑤ | 209.98⑤ | 234.98⑤ | 259.98⑤ | 284.98⑤ | 309.98⑤ | 334.98⑤ | 359.98⑤ | 384.99⑤ |
| 1.18 | 22 | 70.03 | 26 | 82.76 | — | 104.81 | 129.84 | 154.87 | 179.89 | 204.90 | 229.91 | 254.92 | 279.93 | 304.93 | 329.94 |
| 1.20 | 40 | 127.32 | 48 | 152.79 | — | — | — | — | — | — | — | 154.48 | 179.55 | 204.60 | 229.65 |
| 1.20 | 30 | 95.49 | 36 | 114.59 | — | — | — | — | 134.66 | 159.71 | 184.75 | 209.78 | 234.81 | 259.82 | 284.84 |
| 1.20 | 25 | 79.58 | 30 | 95.49 | — | — | 112.22 | 137.27 | 162.30 | 187.33 | 212.35 | 237.37 | 262.38 | 287.39 | 312.40 |
| 1.20 | 20 | 63.66 | 24 | 76.39 | 89.77 | 114.82 | 139.86 | 164.88 | 189.89 | 214.91 | 239.92 | 264.92 | 289.93 | 314.94 | 339.94 |
| 1.20 | 15 | 47.75 | 18 | 57.30 | 117.40 | 142.42 | 167.43 | 192.44 | 217.45 | 242.45 | 267.46 | 292.46 | 317.46 | 342.47 | 367.47 |
| 1.22 | 36 | 114.59 | 44 | 140.06 | — | — | — | — | — | — | 149.46 | 174.54 | 199.59 | 224.64 | 249.68 |
| 1.22 | 18 | 57.30 | 22 | 70.03 | 99.80 | 124.84 | 149.86 | 174.88 | 199.90 | 224.91 | 249.92 | 274.93 | 299.93 | 324.94 | 349.94 |
| 1.23 | 26 | 82.76 | 32 | 101.86 | — | — | 104.56 | 129.65 | 154.71 | 179.75 | 204.78 | 229.80 | 254.82 | 279.84 | 304.85 |
| 1.25 | 48 | 152.79 | 60 | 190.99 | — | — | — | — | — | — | — | — | — | — | — |
| 1.25 | 40 | 127.32 | 50 | 159.15 | — | — | — | — | — | — | — | — | 174.27 | 199.36 | 224.44 |
| 1.25 | 32 | 101.86 | 40 | 127.32 | — | — | — | — | — | 144.44 | 169.52 | 194.58 | 219.63 | 244.67 | 269.70 |
| 1.25 | 24 | 76.39 | 30 | 95.49 | — | — | 114.60 | 139.67 | 164.72 | 189.76 | 214.79 | 239.81 | 264.83 | 289.84 | 314.86 |
| 1.25 | 20 | 63.66 | 25 | 79.58 | 87.14 | 112.22 | 137.27 | 162.30 | 187.33 | 212.35 | 237.37 | 262.38 | 287.39 | 312.40 | 337.41 |
| 1.25 | 16 | 50.93 | 20 | 63.66 | 109.82 | 134.85 | 159.87 | 184.89 | 209.90 | 234.91 | 259.92 | 284.93 | 309.93 | 334.94 | 359.94 |
| 1.25 | 12 | 38.20 | 15 | 47.75 | 132.41⑤ | 157.43⑤ | 182.44⑤ | 207.45⑤ | 232.45⑤ | 257.46⑤ | 282.46⑤ | 307.46⑤ | 332.47⑤ | 357.47⑤ | 382.47⑤ |
| 1.27 | 22 | 70.03 | 28 | 89.13 | — | 99.54 | 124.63 | 149.70 | 174.74 | 199.77 | 224.80 | 249.82 | 274.83 | 299.85 | 324.86 |
| 1.28 | 25 | 79.58 | 32 | 101.86 | — | — | 106.92 | 132.03 | 157.10 | 182.16 | 207.20 | 232.23 | 257.26 | 282.28 | 307.30 |
| 1.29 | 28 | 89.13 | 36 | 114.59 | — | — | — | 114.29 | 139.42 | 164.51 | 189.57 | 214.62 | 239.66 | 264.69 | 289.72 |
| 1.29 | 14 | 44.56 | 18 | 57.30 | 119.83 | 144.86 | 169.88 | 194.90 | 219.91 | 244.92 | 269.92 | 294.93 | 319.94 | 344.94 | 369.95 |
| 1.30 | 20 | 63.66 | 26 | 82.76 | 84.46 | 109.58 | 134.66 | 159.71 | 184.75 | 209.78 | 234.81 | 259.82 | 284.84 | 309.85 | 334.86 |
| 1.33 | 36 | 114.59 | 48 | 152.79 | — | — | — | — | — | — | — | 163.89 | 189.04 | 214.15 | 239.24 |
| 1.33 | 30 | 95.49 | 40 | 127.32 | — | — | — | — | 123.98 | 149.15 | 174.27 | 199.36 | 224.44 | 249.49 | 274.54 |
| 1.33 | 24 | 76.39 | 32 | 101.86 | — | — | 109.26 | 134.40 | 159.49 | 184.56 | 209.61 | 234.65 | 259.69 | 284.72 | 309.74 |
| 1.33 | 18 | 57.30 | 24 | 76.39 | 94.52 | | | | | | | | | | |

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| | | | | | |
|----------|-----|-----|-----|-----|-----|
| かみあい歯数 | 6以上 | ⑤ | ④ | ③ | ② |
| 補正係数(Km) | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm | | | | | | | | | | | | | | 回転比 |
|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------|
| T10-95Z 95歯 950 | T10-100Z 100歯 1000 | T10-105Z 105歯 1050 | T10-110Z 110歯 1100 | T10-115Z 115歯 1150 | T10-120Z 120歯 1200 | T10-125Z 125歯 1250 | T10-130Z 130歯 1300 | T10-140Z 140歯 1400 | T10-150Z 150歯 1500 | T10-175Z 175歯 1600 | T10-180Z 180歯 1800 | T10-188Z 188歯 1880 | T10-196Z 196歯 1960 | |
| 235.00 | 260.00 | 285.00 | 310.00 | 335.00 | 360.00 | 385.00 | 410.00 | 460.00 | 510.00 | 635.00 | 660.00 | 700.00 | 740.00 | 1.00 |
| 255.00 | 280.00 | 305.00 | 330.00 | 355.00 | 380.00 | 405.00 | 430.00 | 480.00 | 530.00 | 655.00 | 680.00 | 720.00 | 760.00 | 1.00 |
| 275.00 | 300.00 | 325.00 | 350.00 | 375.00 | 400.00 | 425.00 | 450.00 | 500.00 | 550.00 | 675.00 | 700.00 | 740.00 | 780.00 | 1.00 |
| 295.00 | 320.00 | 345.00 | 370.00 | 395.00 | 420.00 | 445.00 | 470.00 | 520.00 | 570.00 | 695.00 | 720.00 | 760.00 | 800.00 | 1.00 |
| 315.00 | 340.00 | 365.00 | 390.00 | 415.00 | 440.00 | 465.00 | 490.00 | 540.00 | 590.00 | 715.00 | 740.00 | 780.00 | 820.00 | 1.00 |
| 325.00 | 350.00 | 375.00 | 400.00 | 425.00 | 450.00 | 475.00 | 500.00 | 550.00 | 600.00 | 725.00 | 750.00 | 790.00 | 830.00 | 1.00 |
| 335.00 | 360.00 | 385.00 | 410.00 | 435.00 | 460.00 | 485.00 | 510.00 | 560.00 | 610.00 | 735.00 | 760.00 | 800.00 | 840.00 | 1.00 |
| 345.00 | 370.00 | 395.00 | 420.00 | 445.00 | 470.00 | 495.00 | 520.00 | 570.00 | 620.00 | 745.00 | 770.00 | 810.00 | 850.00 | 1.00 |
| 350.00 | 375.00 | 400.00 | 425.00 | 450.00 | 475.00 | 500.00 | 525.00 | 575.00 | 625.00 | 750.00 | 775.00 | 815.00 | 855.00 | 1.00 |
| 355.00 | 380.00 | 405.00 | 430.00 | 455.00 | 480.00 | 505.00 | 530.00 | 580.00 | 630.00 | 755.00 | 780.00 | 820.00 | 860.00 | 1.00 |
| 365.00 | 390.00 | 415.00 | 440.00 | 465.00 | 490.00 | 515.00 | 540.00 | 590.00 | 640.00 | 765.00 | 790.00 | 830.00 | 870.00 | 1.00 |
| 375.00 | 400.00 | 425.00 | 450.00 | 475.00 | 500.00 | 525.00 | 550.00 | 600.00 | 650.00 | 775.00 | 800.00 | 840.00 | 880.00 | 1.00 |
| 385.00 | 410.00 | 435.00 | 460.00 | 485.00 | 510.00 | 535.00 | 560.00 | 610.00 | 660.00 | 785.00 | 810.00 | 850.00 | 890.00 | 1.00 |
| 395.00 | 420.00 | 445.00 | 470.00 | 495.00 | 520.00 | 545.00 | 570.00 | 620.00 | 670.00 | 795.00 | 820.00 | 860.00 | 900.00 | 1.00 |
| 400.00 | 425.00 | 450.00 | 475.00 | 500.00 | 525.00 | 550.00 | 575.00 | 625.00 | 675.00 | 800.00 | 825.00 | 865.00 | 905.00 | 1.00 |
| 405.00 | 430.00 | 455.00 | 480.00 | 505.00 | 530.00 | 555.00 | 580.00 | 630.00 | 680.00 | 805.00 | 830.00 | 870.00 | 910.00 | 1.00 |
| 415.00 | 440.00 | 465.00 | 490.00 | 515.00 | 540.00 | 565.00 | 590.00 | 640.00 | 690.00 | 815.00 | 840.00 | 880.00 | 920.00 | 1.00 |
| 229.98 | 254.98 | 279.98 | 304.98 | 329.98 | 354.99 | 379.99 | 404.99 | 454.99 | 504.99 | 629.99 | 654.99 | 694.99 | 734.99 | 1.04 |
| 347.50 | 372.50 | 397.50 | 422.50 | 447.50 | 472.50 | 497.50 | 522.50 | 572.50 | 622.50 | 747.50 | 772.50 | 812.50 | 852.50 | 1.04 |
| 352.50 | 377.50 | 402.50 | 427.50 | 452.50 | 477.50 | 502.50 | 527.50 | 577.50 | 627.50 | 752.50 | 777.50 | 817.50 | 857.50 | 1.04 |
| 319.98 | 344.99 | 369.99 | 394.99 | 419.99 | 444.99 | 469.99 | 494.99 | 544.99 | 594.99 | 719.99 | 744.99 | 784.99 | 824.99 | 1.07 |
| 329.98 | 354.99 | 379.99 | 404.99 | 429.99 | 454.99 | 479.99 | 504.99 | 554.99 | 604.99 | 729.99 | 754.99 | 794.99 | 834.99 | 1.07 |
| 397.50 | 422.50 | 447.50 | 472.50 | 497.50 | 522.50 | 547.50 | 572.50 | 622.50 | 672.50 | 797.50 | 822.50 | 862.50 | 902.50 | 1.07 |
| 402.50 | 427.50 | 452.50 | 477.50 | 502.50 | 527.50 | 552.50 | 577.50 | 627.50 | 677.50 | 802.50 | 827.50 | 867.50 | 907.50 | 1.07 |
| 339.99 | 364.99 | 389.99 | 414.99 | 439.99 | 464.99 | 489.99 | 514.99 | 564.99 | 614.99 | 739.99 | 764.99 | 804.99 | 844.99 | 1.08 |
| 349.99 | 374.99 | 399.99 | 424.99 | 449.99 | 474.99 | 499.99 | 524.99 | 574.99 | 624.99 | 749.99 | 774.99 | 814.99 | 854.99 | 1.08 |
| 244.92 | 269.92 | 294.93 | 319.94 | 344.94 | 369.95 | 394.95 | 419.95 | 469.96 | 519.96 | 644.97 | 669.97 | 709.97 | 749.97 | 1.09 |
| 359.99 | 384.99 | 409.99 | 434.99 | 459.99 | 484.99 | 509.99 | 534.99 | 584.99 | 634.99 | 759.99 | 784.99 | 824.99 | 864.99 | 1.09 |
| 264.92 | 289.93 | 314.94 | 339.94 | 364.94 | 389.95 | 414.95 | 439.95 | 489.96 | 539.96 | 664.97 | 689.97 | 729.97 | 769.97 | 1.10 |
| 369.99 | 394.99 | 419.99 | 444.99 | 469.99 | 494.99 | 519.99 | 544.99 | 594.99 | 644.99 | 769.99 | 794.99 | 834.99 | 874.99 | 1.10 |
| 284.93 | 309.93 | 334.94 | 359.94 | 384.95 | 409.95 | 434.95 | 459.96 | 509.96 | 559.96 | 684.97 | 709.97 | 749.97 | 789.97 | 1.11 |
| 379.99 | 404.99 | 429.99 | 454.99 | 479.99 | 504.99 | 529.99 | 554.99 | 604.99 | 654.99 | 779.99 | 804.99 | 844.99 | 884.99 | 1.11 |
| 342.47 | 367.47 | 392.47 | 417.47 | 442.47 | 467.48 | 492.48 | 517.48 | 567.48 | 617.48 | 742.48 | 767.49 | 807.49 | 847.49 | 1.12 |
| 304.93 | 329.94 | 354.94 | 379.95 | 404.95 | 429.95 | 454.96 | 479.96 | 529.96 | 579.97 | 704.97 | 729.97 | 769.97 | 809.97 | 1.13 |
| 389.99 | 414.99 | 439.99 | 464.99 | 489.99 | 514.99 | 539.99 | 564.99 | 614.99 | 664.99 | 789.99 | 814.99 | 854.99 | 894.99 | 1.13 |
| 239.81 | 264.83 | 289.84 | 314.86 | 339.87 | 364.88 | 389.88 | 414.89 | 464.90 | 514.91 | 639.93 | 664.93 | 704.94 | 744.94 | 1.14 |
| 324.94 | 349.94 | 374.95 | 399.95 | 424.95 | 449.95 | 474.96 | 499.96 | 549.96 | 599.97 | 724.97 | 749.97 | 789.97 | 829.98 | 1.14 |
| 357.47 | 382.47 | 407.47 | 432.47 | 457.48 | 482.48 | 507.48 | 532.48 | 582.48 | 632.48 | 757.48 | 782.49 | 822.49 | 862.49 | 1.14 |
| 399.99 | 424.99 | 449.99 | 474.99 | 499.99 | 524.99 | 549.99 | 574.99 | 624.99 | 674.99 | 799.99 | 824.99 | 864.99 | 904.99 | 1.14 |
| 334.94 | 359.94 | 384.95 | 409.95 | 434.95 | 459.96 | 484.96 | 509.96 | 559.96 | 609.97 | 734.97 | 759.97 | 799.97 | 839.98 | 1.15 |
| 344.94 | 369.95 | 394.95 | 419.95 | 444.95 | 469.96 | 494.96 | 519.96 | 569.96 | 619.97 | 744.97 | 769.97 | 809.97 | 849.98 | 1.17 |
| 409.99⑤ | 434.99⑤ | 459.99⑤ | 484.99⑤ | 509.99⑤ | 534.99⑤ | 559.99⑤ | 584.99⑤ | 634.99⑤ | 684.99⑤ | 809.99⑤ | 834.99⑤ | 874.99⑤ | 914.99⑤ | 1.17 |
| 354.94 | 379.95 | 404.95 | 429.95 | 454.96 | 479.96 | 504.96 | 529.96 | 579.97 | 629.97 | 754.97 | 779.97 | 819.98 | 859.98 | 1.18 |
| 254.68 | 279.71 | 304.73 | 329.75 | 354.77 | 379.79 | 404.80 | 429.81 | 479.83 | 529.85 | 654.88 | 679.88 | 719.89 | 759.89 | 1.20 |
| 309.85 | 334.86 | 359.87 | 384.88 | 409.89 | 434.90 | 459.90 | 484.91 | 534.91 | 584.92 | 709.94 | 734.94 | 774.94 | 814.94 | 1.20 |
| 337.41 | 362.41 | 387.42 | 412.42 | 437.43 | 462.43 | 487.44 | 512.44 | 562.44 | 612.45 | 737.46 | 762.46 | 802.46 | 842.46 | 1.20 |
| 364.94 | 389.95 | 414.95 | 439.95 | 464.96 | 489.96 | 514.96 | 539.96 | 589.97 | 639.97 | 764.97 | 789.97 | 829.98 | 869.98 | 1.20 |
| 392.47 | 417.47 | 442.47 | 467.48 | 492.48 | 517.48 | 542.48 | 567.48 | 617.48 | 667.48 | 792.49 | 817.49 | 857.49 | 897.49 | 1.20 |
| 274.70 | 299.73 | 324.75 | 349.77 | 374.78 | 399.80 | 424.81 | 449.82 | 499.84 | 549.85 | 674.88 | 699.88 | 739.89 | 779.90 | 1.22 |
| 374.95 | 399.95 | 424.95 | 449.95 | 474.96 | 499.96 | 524.96 | 549.96 | 599.97 | 649.97 | 774.97 | 799.97 | 839.98 | 879.98 | 1.22 |
| 329.86 | 354.87 | 379.88 | 404.89 | 429.89 | 454.90 | 479.90 | 504.91 | 554.92 | 604.92 | 729.94 | 754.94 | 794.94 | 834.95 | 1.23 |
| 204.11 | 229.20 | 254.28 | 279.35 | 304.40 | 329.45 | 354.49 | 379.52 | 429.58 | 479.62 | 604.70 | 629.71 | 669.73 | 709.74 | 1.25 |
| 249.49 | 274.54 | 299.58 | 324.61 | 349.64 | 374.66 | 399.68 | 424.70 | 474.73 | 524.76 | 649.81 | 674.81 | 714.82 | 754.83 | 1.25 |
| 294.72 | 319.75 | 344.76 | 369.78 | 394.79 | 419.81 | 444.82 | 469.83 | 519.84 | 569.86 | 694.88 | 719.89 | 759.89 | 799.90 | 1.25 |
| 339.87 | 364.88 | 389.88 | 414.89 | 439.90 | 464.90 | 489.91 | 514.91 | 564.92 | 614.93 | 739.94 | 764.94 | 804.94 | 844.95 | 1.25 |
| 362.41 | 387.42 | 412.42 | 437.43 | 462.43 | 487.44 | 512.44 | 537.44 | 587.45 | 637.45 | 762.46 | 787.46 | 827.46 | 867.46 | 1.25 |
| 384.95 | 409.95 | 434.95 | 459.96 | 484.96 | 509.96 | 534.96 | 559.96 | 609.97 | 659.97 | 784.97 | 809.97 | 849.98 | 889.98 | 1.25 |
| 407.47⑤ | 432.47⑤ | 457.48⑤ | 482.48⑤ | 507.48⑤ | 532.48⑤ | 557.48⑤ | 582.48⑤ | 632.48⑤ | 682.48⑤ | 807.49⑤ | 832.49⑤ | 872.49⑤ | 912.49⑤ | 1.25 |
| 349.87 | 374.88 | 399.89 | 424.89 | 449.90 | 474.90 | 499.91 | 524.91 | 574.92 | 624.93 | 749.94 | | | | |

Timing Belt Type U ■設計資料編

T10

設計表

1.36~2.08

表25-② T10 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離mm | | | | | | | | | | |
|------|--------|--------|------|--------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径mm | 歯数 | ピッチ径mm | T10-40Z 40歯 400 | T10-45Z 45歯 450 | T10-50Z 50歯 500 | T10-55Z 55歯 550 | T10-60Z 60歯 600 | T10-65Z 65歯 650 | T10-70Z 70歯 700 | T10-75Z 75歯 750 | T10-80Z 80歯 800 | T10-85Z 85歯 850 | T10-90Z 90歯 900 |
| 1.36 | 22 | 70.03 | 30 | 95.49 | — | 94.14 | 119.32 | 144.44 | 169.52 | 194.58 | 219.63 | 244.67 | 269.70 | 294.72 | 319.75 |
| 1.38 | 32 | 101.86 | 44 | 140.06 | — | — | — | — | — | 133.64 | 158.85 | 184.01 | 209.13 | 234.22 | 259.30 |
| 1.38 | 26 | 82.76 | 36 | 114.59 | — | — | — | 118.94 | 144.12 | 169.25 | 194.35 | 219.42 | 244.48 | 269.53 | 294.57 |
| 1.38 | 16 | 50.93 | 22 | 70.03 | 104.56 | 129.65 | 154.71 | 179.75 | 204.78 | 229.80 | 254.82 | 279.84 | 304.85 | 329.86 | 354.87 |
| 1.39 | 36 | 114.59 | 50 | 159.15 | — | — | — | — | — | — | — | 158.43 | 183.65 | 208.81 | 233.94 |
| 1.39 | 18 | 57.30 | 25 | 79.58 | 91.82 | 116.97 | 142.06 | 167.13 | 192.18 | 217.21 | 242.24 | 267.27 | 292.29 | 317.30 | 342.32 |
| 1.40 | 20 | 63.66 | 28 | 89.13 | — | 104.22 | 129.37 | 154.48 | 179.55 | 204.60 | 229.65 | 254.68 | 279.71 | 304.73 | 329.75 |
| 1.43 | 28 | 89.13 | 40 | 127.32 | — | — | — | — | 128.58 | 153.81 | 178.98 | 204.11 | 229.20 | 254.28 | 279.35 |
| 1.43 | 14 | 44.56 | 20 | 63.66 | 114.60 | 139.67 | 164.72 | 189.76 | 214.79 | 239.81 | 264.83 | 289.84 | 314.86 | 339.87 | 364.88 |
| 1.44 | 25 | 79.58 | 36 | 114.59 | — | — | — | 121.24 | 146.45 | 171.61 | 196.72 | 221.81 | 246.88 | 271.94 | 296.98 |
| 1.44 | 18 | 57.30 | 26 | 82.76 | 89.09 | 114.29 | 139.42 | 164.51 | 189.57 | 214.62 | 239.66 | 264.69 | 289.72 | 314.74 | 339.76 |
| 1.45 | 22 | 70.03 | 32 | 101.86 | — | — | 113.89 | 139.09 | 164.23 | 189.33 | 214.41 | 239.47 | 264.52 | 289.56 | 314.60 |
| 1.47 | 30 | 95.49 | 44 | 140.06 | — | — | — | — | — | 138.20 | 163.48 | 188.68 | 213.84 | 238.96 | 264.06 |
| 1.47 | 15 | 47.75 | 22 | 70.03 | 106.92 | 132.03 | 157.10 | 182.16 | 207.20 | 232.23 | 257.26 | 282.28 | 307.30 | 332.31 | 357.33 |
| 1.50 | 40 | 127.32 | 60 | 190.99 | — | — | — | — | — | — | — | — | — | 172.06 | 197.43 |
| 1.50 | 32 | 101.86 | 48 | 152.79 | — | — | — | — | — | — | 147.81 | 173.13 | 198.37 | 223.55 | 248.70 |
| 1.50 | 24 | 76.39 | 36 | 114.59 | — | — | — | 123.52 | 148.77 | 173.95 | 199.08 | 224.19 | 249.27 | 274.34 | 299.39 |
| 1.50 | 20 | 63.66 | 30 | 95.49 | — | 98.72 | 123.98 | 149.15 | 174.27 | 199.36 | 224.44 | 249.49 | 274.54 | 299.58 | 324.61 |
| 1.50 | 16 | 50.93 | 24 | 76.39 | 99.18 | 124.35 | 149.46 | 174.54 | 199.59 | 224.64 | 249.68 | 274.70 | 299.73 | 324.75 | 349.77 |
| 1.50 | 12 | 38.20 | 18 | 57.30 | 124.63⑤ | 149.70⑤ | 174.74⑤ | 199.77⑤ | 224.80⑤ | 249.82⑤ | 274.83⑤ | 299.85⑤ | 324.86⑤ | 349.87⑤ | 374.88⑤ |
| 1.54 | 26 | 82.76 | 40 | 127.32 | — | — | — | — | 133.14 | 158.43 | 183.65 | 208.81 | 233.94 | 259.04 | 284.13 |
| 1.56 | 32 | 101.86 | 50 | 159.15 | — | — | — | — | — | — | 142.11 | 167.55 | 192.87 | 218.12 | 243.31 |
| 1.56 | 18 | 57.30 | 28 | 89.13 | 83.48 | 108.84 | 134.06 | 159.20 | 184.31 | 209.40 | 234.46 | 259.51 | 284.55 | 309.59 | 334.62 |
| 1.56 | 16 | 50.93 | 25 | 79.58 | 96.44 | 121.66 | 146.80 | 171.90 | 196.98 | 222.04 | 247.08 | 272.12 | 297.15 | 322.18 | 347.20 |
| 1.57 | 28 | 89.13 | 44 | 140.06 | — | — | — | — | — | 142.73 | 168.07 | 193.32 | 218.52 | 243.67 | 268.79 |
| 1.57 | 14 | 44.56 | 22 | 70.03 | 109.26 | 134.40 | 159.49 | 184.56 | 209.61 | 234.65 | 259.69 | 284.72 | 309.74 | 334.76 | 359.77 |
| 1.60 | 30 | 95.49 | 48 | 152.79 | — | — | — | — | — | — | 152.31 | 177.69 | 202.98 | 228.20 | 253.38 |
| 1.60 | 25 | 79.58 | 40 | 127.32 | — | — | — | — | 135.40 | 160.73 | 185.97 | 211.15 | 236.29 | 261.41 | 286.51 |
| 1.60 | 20 | 63.66 | 32 | 101.86 | — | 93.04 | 118.46 | 143.73 | 168.92 | 194.06 | 219.17 | 244.25 | 269.32 | 294.38 | 319.43 |
| 1.60 | 15 | 47.75 | 24 | 76.39 | 101.49 | 126.69 | 151.82 | 176.92 | 201.99 | 227.05 | 252.09 | 277.13 | 302.16 | 327.19 | 352.21 |
| 1.63 | 16 | 50.93 | 26 | 82.76 | 93.65 | 118.94 | 144.12 | 169.25 | 194.35 | 219.42 | 244.48 | 269.53 | 294.57 | 319.60 | 344.63 |
| 1.64 | 22 | 70.03 | 36 | 114.59 | — | — | 102.58 | 128.06 | 153.38 | 178.61 | 203.78 | 228.92 | 254.02 | 279.11 | 304.18 |
| 1.67 | 36 | 114.59 | 60 | 190.99 | — | — | — | — | — | — | — | — | — | — | 180.97 |
| 1.67 | 30 | 95.49 | 50 | 159.15 | — | — | — | — | — | — | 146.54 | 172.06 | 197.43 | 222.73 | 247.96 |
| 1.67 | 24 | 76.39 | 40 | 127.32 | — | — | — | 112.11 | 137.64 | 163.01 | 188.28 | 213.48 | 238.64 | 263.77 | 288.88 |
| 1.67 | 18 | 57.30 | 30 | 95.49 | — | 103.23 | 128.58 | 153.81 | 178.98 | 204.11 | 229.20 | 254.28 | 279.35 | 304.40 | 329.45 |
| 1.67 | 15 | 47.75 | 25 | 79.58 | 98.72 | 123.98 | 149.15 | 174.27 | 199.36 | 224.44 | 249.49 | 274.54 | 299.58 | 324.61 | 349.64 |
| 1.67 | 12 | 38.20 | 20 | 63.66 | 119.32⑤ | 144.44⑤ | 169.52⑤ | 194.58⑤ | 219.63⑤ | 244.67⑤ | 269.70⑤ | 294.72⑤ | 319.75⑤ | 344.76⑤ | 369.78⑤ |
| 1.69 | 26 | 82.76 | 44 | 140.06 | — | — | — | — | 121.63 | 147.21 | 172.62 | 197.93 | 223.16 | 248.35 | 273.50 |
| 1.71 | 28 | 89.13 | 48 | 152.79 | — | — | — | — | — | 131.14 | 156.77 | 182.22 | 207.56 | 232.82 | 258.04 |
| 1.71 | 14 | 44.56 | 24 | 76.39 | 103.78 | 129.02 | 154.18 | 179.29 | 204.38 | 229.45 | 254.50 | 279.55 | 304.58 | 329.62 | 354.64 |
| 1.73 | 15 | 47.75 | 26 | 82.76 | 95.90 | 121.24 | 146.45 | 171.61 | 196.72 | 221.81 | 246.88 | 271.94 | 296.98 | 322.02 | 347.06 |
| 1.75 | 16 | 50.93 | 28 | 89.13 | 87.93 | 113.39 | 138.68 | 163.89 | 189.04 | 214.15 | 239.24 | 264.31 | 289.37 | 314.42 | 339.46 |
| 1.76 | 25 | 79.58 | 44 | 140.06 | — | — | — | — | 123.81 | 149.44 | 174.89 | 200.22 | 225.47 | 250.68 | 275.84 |
| 1.78 | 18 | 57.30 | 32 | 101.86 | — | 97.45 | 122.98 | 148.33 | 173.57 | 198.75 | 223.89 | 249.00 | 274.09 | 299.17 | 324.23 |
| 1.79 | 28 | 89.13 | 50 | 159.15 | — | — | — | — | — | — | 150.94 | 176.53 | 201.96 | 227.30 | 252.57 |
| 1.79 | 14 | 44.56 | 25 | 79.58 | 100.98 | 126.29 | 151.49 | 176.63 | 201.74 | 226.82 | 251.89 | 276.95 | 301.99 | 327.03 | 352.06 |
| 1.80 | 20 | 63.66 | 36 | 114.59 | — | — | 106.97 | 132.55 | 157.95 | 183.23 | 208.44 | 233.61 | 258.75 | 283.86 | 308.95 |
| 1.82 | 22 | 70.03 | 40 | 127.32 | — | — | — | 116.48 | 142.11 | 167.55 | 192.87 | 218.12 | 243.31 | 268.47 | 293.60 |
| 1.83 | 24 | 76.39 | 44 | 140.06 | — | — | — | — | 125.98 | 151.66 | 177.14 | 202.50 | 227.78 | 253.00 | 278.18 |
| 1.83 | 12 | 38.20 | 22 | 70.03 | 113.89⑤ | 139.09⑤ | 164.23⑤ | 189.33⑤ | 214.41⑤ | 239.47⑤ | 264.52⑤ | 289.56⑤ | 314.60⑤ | 339.63⑤ | 364.65⑤ |
| 1.85 | 26 | 82.76 | 48 | 152.79 | — | — | — | — | — | 135.48 | 161.20 | 186.72 | 212.11 | 237.42 | 262.67 |
| 1.86 | 14 | 44.56 | 26 | 82.76 | 98.14 | 123.52 | 148.77 | 173.95 | 199.08 | 224.19 | 249.27 | 274.34 | 299.39 | 324.44 | 349.48 |
| 1.87 | 15 | 47.75 | 28 | 89.13 | 90.13 | 115.65 | 140.98 | 166.21 | 191.38 | 216.51 | 241.61 | 266.70 | 291.77 | 316.82 | 341.87 |
| 1.88 | 32 | 101.86 | 60 | 190.99 | — | — | — | — | — | — | — | — | 163.94 | 189.77 | 215.39 |
| 1.88 | 16 | 50.93 | 30 | 95.49 | — | 107.70 | 133.14 | 158.43 | 183.65 | 208.81 | 233.94 | 259.04 | 284.13 | 309.20 | 334.26 |
| 1.92 | 26 | 82.76 | 50 | 159.15 | — | — | — | — | — | — | 155.30 | 180.97 | 206.47 | 231.85 | 257.16 |
| 1.92 | 25 | 79.58 | 48 | 152.79 | — | — | — | — | — | 137.63 | 163.40 | 188.95 | 214.37 | 239.70 | 264.97 |
| 2.00 | 30 | 95.49 | 60 | 190.99 | — | — | — | — | — | — | — | — | 168.22 | 194.13 | 219.81 |
| 2.00 | 25 | 79.58 | 50 | 159.15 | — | — | — | — | — | 131.48 | 157.47 | 183.18 | 208.71 | 234.12 | 259.45 |
| 2.00 | 24 | 76.39 | 48 | 152.79 | — | — | — | — | — | 139.78 | 165.59 | 191.18 | 216.63 | 241.99 | 267.27 |
| 2.00 | 22 | 70.03 | 44 | 140.06 | — | — | — | — | 130.30 | 156.07 | 181.62 | 207.04 | 232.36 | 257.62 | 282.83 |
| 2.00 | 20 | 63.66 | 40 | 127.32 | — | — | — | 120.81 | 146.54 | 172.06 | 197.43 | 222.73 | 247.96 | 273.15 | 298.30 |
| 2.00 | 18 | 57.30 | 36 | 114.59 | — | — | 111.31 | 137.00 | 162.47 | 187.82 | 213.07 | 238.28 | 263.44 | 288.58 | 313.69 |
| 2.00 | 16 | 50.93 | 32 | 101.86 | — | 101.82 | 127.46 | 152.88 | 178.18 | 203.41 | 228.58 | 253.72 | 278.84 | 303.93 | 329.01 |
| 2.00 | 15 | 47.75 | 30 | 95.49 | 84.11 | 109.91 | 135.40 | 160.73 | 185.97 | 211.15 | 236.29 | 261.41 | 286.51 | 311.59 | 336.65 |
| 2.00 | 14 | 44.56 | 28 | 89.13 | 92.31⑤ | 117.89⑤ | 143.27⑤ | 168.53 | 193.72 | 218.87 | | | | | |

T10

1.36~2.08

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 補正係数 (Km) | 6以上 | ⑤ | ④ | ③ | ② |
|---------------------|-----|-----|-----|-----|-----|
| | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm | | | | | | | | | | | | | | 回転比 |
|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------|
| T10-95Z 95歯 950 | T10-100Z 100歯 1000 | T10-105Z 105歯 1050 | T10-110Z 110歯 1100 | T10-115Z 115歯 1150 | T10-120Z 120歯 1200 | T10-125Z 125歯 1250 | T10-130Z 130歯 1300 | T10-140Z 140歯 1400 | T10-150Z 150歯 1500 | T10-175Z 175歯 1750 | T10-180Z 180歯 1800 | T10-188Z 188歯 1880 | T10-196Z 196歯 1960 | |
| 344.76 | 369.78 | 394.79 | 419.81 | 444.82 | 469.83 | 494.84 | 519.84 | 569.86 | 619.87 | 744.89 | 769.89 | 809.90 | 849.90 | 1.36 |
| 284.36 | 309.41 | 334.45 | 359.49 | 384.53 | 409.55 | 434.58 | 459.60 | 509.64 | 559.67 | 684.73 | 709.74 | 749.76 | 789.77 | 1.38 |
| 319.60 | 344.63 | 369.66 | 394.68 | 419.70 | 444.72 | 469.73 | 494.74 | 544.77 | 594.79 | 719.82 | 744.83 | 784.84 | 824.85 | 1.38 |
| 379.88 | 404.89 | 429.89 | 454.90 | 479.90 | 504.91 | 529.91 | 554.92 | 604.92 | 654.93 | 779.94 | 804.94 | 844.95 | 884.95 | 1.38 |
| 259.04 | 284.13 | 309.20 | 334.26 | 359.31 | 384.35 | 409.39 | 434.43 | 484.49 | 534.54 | 659.62 | 684.64 | 724.66 | 764.68 | 1.39 |
| 367.33 | 392.34 | 417.35 | 442.36 | 467.37 | 492.37 | 517.38 | 542.39 | 592.40 | 642.40 | 767.42 | 792.42 | 832.43 | 872.43 | 1.39 |
| 354.77 | 379.79 | 404.80 | 429.81 | 454.82 | 479.83 | 504.84 | 529.85 | 579.86 | 629.87 | 754.89 | 779.90 | 819.90 | 859.91 | 1.40 |
| 304.40 | 329.45 | 354.49 | 379.52 | 404.55 | 429.58 | 454.60 | 479.62 | 529.66 | 579.69 | 704.74 | 729.75 | 769.76 | 809.77 | 1.43 |
| 389.88 | 414.89 | 439.90 | 464.90 | 489.91 | 514.91 | 539.92 | 564.92 | 614.93 | 664.93 | 789.94 | 814.94 | 854.95 | 894.95 | 1.43 |
| 322.02 | 347.06 | 372.09 | 397.11 | 422.14 | 447.16 | 472.18 | 497.19 | 547.22 | 597.24 | 722.29 | 747.29 | 787.31 | 827.31 | 1.44 |
| 364.78 | 389.79 | 414.80 | 439.82 | 464.83 | 489.83 | 514.84 | 539.85 | 589.86 | 639.87 | 764.89 | 789.90 | 829.90 | 869.91 | 1.44 |
| 339.63 | 364.65 | 389.67 | 414.69 | 439.71 | 464.73 | 489.74 | 514.75 | 564.78 | 614.79 | 739.83 | 764.83 | 804.84 | 844.85 | 1.45 |
| 289.14 | 314.21 | 339.27 | 364.32 | 389.36 | 414.40 | 439.44 | 464.47 | 514.52 | 564.56 | 689.64 | 714.65 | 754.67 | 794.69 | 1.47 |
| 382.34 | 407.35 | 432.36 | 457.36 | 482.37 | 507.38 | 532.38 | 557.39 | 607.40 | 657.41 | 782.42 | 807.42 | 847.43 | 887.43 | 1.47 |
| 222.73 | 247.96 | 273.15 | 298.30 | 323.43 | 348.55 | 373.64 | 398.73 | 448.87 | 498.98 | 624.19 | 649.22 | 689.27 | 729.31 | 1.50 |
| 273.82 | 298.92 | 324.00 | 349.07 | 374.13 | 399.19 | 424.24 | 449.28 | 499.35 | 549.41 | 674.52 | 699.54 | 739.56 | 779.58 | 1.50 |
| 324.44 | 349.48 | 374.51 | 399.54 | 424.57 | 449.59 | 474.62 | 499.63 | 549.67 | 599.70 | 724.75 | 749.76 | 789.77 | 829.78 | 1.50 |
| 349.64 | 374.66 | 399.68 | 424.70 | 449.72 | 474.73 | 499.75 | 524.76 | 574.78 | 624.80 | 749.83 | 774.84 | 814.84 | 854.85 | 1.50 |
| 374.78 | 399.80 | 424.81 | 449.82 | 474.83 | 499.84 | 524.85 | 549.85 | 599.86 | 649.88 | 774.90 | 799.90 | 839.90 | 879.91 | 1.50 |
| 399.89⑤ | 424.89⑤ | 449.90⑤ | 474.90⑤ | 499.91⑤ | 524.91⑤ | 549.92⑤ | 574.92⑤ | 624.93⑤ | 674.93⑤ | 799.94⑤ | 824.94⑤ | 864.95⑤ | 904.95⑤ | 1.50 |
| 309.20 | 334.26 | 359.31 | 384.35 | 409.39 | 434.43 | 459.46 | 484.49 | 534.54 | 584.58 | 709.65 | 734.66 | 774.68 | 814.70 | 1.54 |
| 268.47 | 293.60 | 318.71 | 343.81 | 368.89 | 393.96 | 419.02 | 444.08 | 494.17 | 544.25 | 669.39 | 694.41 | 734.44 | 774.47 | 1.56 |
| 359.65 | 384.67 | 409.69 | 434.71 | 459.72 | 484.74 | 509.75 | 534.76 | 584.78 | 634.80 | 759.83 | 784.84 | 824.85 | 864.85 | 1.56 |
| 372.22 | 397.24 | 422.26 | 447.28 | 472.28 | 497.29 | 522.30 | 547.31 | 597.33 | 647.34 | 772.37 | 797.37 | 837.38 | 877.38 | 1.56 |
| 293.90 | 318.98 | 344.06 | 369.12 | 394.18 | 419.23 | 444.27 | 469.31 | 519.38 | 569.43 | 694.53 | 719.55 | 759.57 | 799.59 | 1.57 |
| 384.79 | 409.80 | 434.81 | 459.82 | 484.83 | 509.84 | 534.85 | 559.86 | 609.87 | 659.88 | 784.90 | 809.90 | 849.90 | 889.91 | 1.57 |
| 278.53 | 303.65 | 328.75 | 353.84 | 378.92 | 403.98 | 429.04 | 454.10 | 504.19 | 554.26 | 679.40 | 704.42 | 744.45 | 784.48 | 1.60 |
| 311.59 | 336.65 | 361.71 | 386.76 | 411.81 | 436.85 | 461.88 | 486.91 | 536.97 | 587.01 | 712.10 | 737.11 | 777.13 | 817.15 | 1.60 |
| 344.47 | 369.51 | 394.54 | 419.57 | 444.59 | 469.61 | 494.63 | 519.65 | 569.68 | 619.71 | 744.76 | 769.77 | 809.77 | 849.79 | 1.60 |
| 377.23 | 402.24 | 427.26 | 452.27 | 477.29 | 502.30 | 527.31 | 552.31 | 602.33 | 652.34 | 777.37 | 802.37 | 842.38 | 882.38 | 1.60 |
| 369.66 | 394.68 | 419.70 | 444.72 | 469.73 | 494.74 | 519.76 | 544.77 | 594.79 | 644.80 | 769.84 | 794.84 | 834.85 | 874.86 | 1.63 |
| 329.25 | 354.30 | 379.35 | 404.39 | 429.42 | 454.45 | 479.48 | 504.51 | 554.55 | 604.59 | 729.66 | 754.67 | 794.69 | 834.70 | 1.64 |
| 231.85 | 257.16 | 282.42 | 307.63 | 332.81 | 357.96 | 383.10 | 408.21 | 458.41 | 508.57 | 633.85 | 658.89 | 698.96 | 739.01 | 1.67 |
| 273.15 | 298.30 | 323.43 | 348.55 | 373.64 | 398.73 | 423.80 | 448.87 | 498.98 | 549.08 | 674.25 | 699.28 | 739.31 | 779.35 | 1.67 |
| 313.97 | 339.04 | 364.11 | 389.17 | 414.22 | 439.26 | 464.30 | 489.34 | 539.40 | 589.45 | 714.55 | 739.56 | 779.58 | 819.60 | 1.67 |
| 354.49 | 379.52 | 404.55 | 429.58 | 454.60 | 479.62 | 504.64 | 529.66 | 579.69 | 629.71 | 754.76 | 779.77 | 819.78 | 859.79 | 1.67 |
| 374.66 | 399.68 | 424.70 | 449.72 | 474.73 | 499.75 | 524.76 | 549.77 | 599.79 | 649.81 | 774.84 | 799.84 | 839.85 | 879.86 | 1.67 |
| 394.79⑤ | 419.81⑤ | 444.82⑤ | 469.83⑤ | 494.84⑤ | 519.84⑤ | 544.85⑤ | 569.86⑤ | 619.87⑤ | 669.88⑤ | 794.90⑤ | 819.90⑤ | 859.91⑤ | 899.91⑤ | 1.67 |
| 298.63 | 323.73 | 348.82 | 373.90 | 398.97 | 424.03 | 449.09 | 474.13 | 524.22 | 574.29 | 699.41 | 724.43 | 764.46 | 804.49 | 1.69 |
| 283.21 | 308.36 | 333.48 | 358.59 | 383.68 | 408.76 | 433.83 | 458.90 | 509.00 | 559.09 | 684.26 | 709.29 | 749.32 | 789.36 | 1.71 |
| 379.67 | 404.69 | 429.71 | 454.72 | 479.74 | 504.75 | 529.76 | 554.77 | 604.79 | 654.81 | 779.84 | 804.84 | 844.85 | 884.86 | 1.71 |
| 372.09 | 397.11 | 422.14 | 447.16 | 472.18 | 497.19 | 522.21 | 547.22 | 597.24 | 647.26 | 772.30 | 797.31 | 837.32 | 877.33 | 1.73 |
| 364.50 | 389.53 | 414.56 | 439.59 | 464.61 | 489.63 | 514.65 | 539.66 | 589.69 | 639.71 | 764.76 | 789.77 | 829.78 | 869.79 | 1.75 |
| 300.98 | 326.10 | 351.20 | 376.28 | 401.36 | 426.43 | 451.49 | 476.54 | 526.63 | 576.71 | 701.85 | 726.87 | 766.90 | 806.93 | 1.76 |
| 349.29 | 374.34 | 399.38 | 424.42 | 449.45 | 474.48 | 499.50 | 524.53 | 574.57 | 624.60 | 749.67 | 774.68 | 814.70 | 854.71 | 1.78 |
| 277.79 | 302.98 | 328.13 | 353.26 | 378.38 | 403.48 | 428.57 | 453.65 | 503.78 | 553.89 | 679.10 | 704.13 | 744.18 | 784.22 | 1.79 |
| 377.09 | 402.12 | 427.14 | 452.16 | 477.18 | 502.19 | 527.21 | 552.22 | 602.25 | 652.27 | 777.30 | 802.31 | 842.32 | 882.33 | 1.79 |
| 334.03 | 359.10 | 384.16 | 409.21 | 434.25 | 459.29 | 484.33 | 509.36 | 559.42 | 609.47 | 734.56 | 759.57 | 799.59 | 839.61 | 1.80 |
| 318.71 | 343.81 | 368.89 | 393.96 | 419.02 | 444.08 | 469.13 | 494.17 | 544.25 | 594.31 | 719.43 | 744.45 | 784.48 | 824.50 | 1.82 |
| 303.33 | 328.46 | 353.57 | 378.66 | 403.75 | 428.82 | 453.88 | 478.94 | 529.04 | 579.13 | 704.28 | 729.31 | 769.34 | 809.37 | 1.83 |
| 389.67⑤ | 414.69⑤ | 439.71⑤ | 464.73⑤ | 489.74⑤ | 514.75⑤ | 539.77⑤ | 564.78⑤ | 614.79⑤ | 664.81⑤ | 789.84⑤ | 814.84⑤ | 854.85⑤ | 894.86⑤ | 1.83 |
| 287.87 | 313.04 | 338.19 | 363.31 | 388.42 | 413.52 | 438.60 | 463.68 | 513.81 | 563.91 | 689.11 | 714.14 | 754.19 | 794.23 | 1.85 |
| 374.51 | 399.54 | 424.57 | 449.59 | 474.62 | 499.63 | 524.65 | 549.67 | 599.70 | 649.72 | 774.76 | 799.77 | 839.78 | 879.79 | 1.86 |
| 366.92 | 391.95 | 416.99 | 442.02 | 467.04 | 492.07 | 517.09 | 542.11 | 592.14 | 642.17 | 767.22 | 792.23 | 832.24 | 872.25 | 1.87 |
| 240.88 | 266.27 | 291.59 | 316.87 | 342.10 | 367.30 | 392.47 | 417.62 | 467.88 | 518.08 | 643.46 | 668.51 | 708.60 | 748.67 | 1.88 |
| 359.31 | 384.35 | 409.39 | 434.43 | 459.46 | 484.49 | 509.51 | 534.54 | 584.58 | 634.61 | 759.67 | 784.68 | 824.70 | 864.71 | 1.88 |
| 282.42 | 307.63 | 332.81 | 357.96 | 383.10 | 408.21 | 433.32 | 458.41 | 508.57 | 558.69 | 683.93 | 708.97 | 748.99 | 789.08 | 1.92 |
| 290.19 | 315.38 | 340.53 | 365.67 | 390.79 | 415.89 | 440.98 | 466.06 | 516.20 | 566.32 | 691.53 | 716.57 | 756.61 | 796.66 | 1.92 |
| 245.35 | 270.79 | 296.15 | 321.45 | 346.71 | 371.94 | 397.13 | 422.30 | 472.59 | 522.82 | 648.24 | 673.31 | 713.40 | 753.49 | 2.00 |
| 284.72 | 309.95 | 335.14 | 360.30 | 385.45 | 410.57 | 435.68 | 460.78 | 510.95 | 561.09 | 686.35 | 711.39 | 751.45 | 791.50 | 2.00 |
| 292.51 | 317.70 | 342.87 | 368.02 | 393.14 | 418.26 | 443.35 | 468.44 | 518.59 | 568.72 | 693.95 | 718.99 | 759.04 | 799.09 | 2.00 |
| 308.01 | 333.16 | 358.29 | 383.40 | 408.50 | 433.59 | 458.66 | 483.73 | 533.85 | 583.95 | 709.14 | 734.17 | 774.21 | 814.25 | 2.00 |
| 323.43 | 348.55 | 373.64 | 398.73 | 423.80 | 448.87 | 473.93 | 498.98 | 549.08 | 599.15 | 724.30 | 749.32 | 789.36 | 829.39 | 2.00 |
| 338.79 | 363.87 | 388.94 | 414.01 | 439.07 | 464.12 | 489.16 | 514.20 | 564.27 | 614.33 | 739.45 | 764.46 | 804.49 | 844.51 | 2.00 |
| 354.08 | 379.14 | 404.20 | 429.24 | 454.29 | 479.32 | 504.36 | 529.39 | 579.44 | 629.48 | 754.57 | 779.58 | 819.60 | 859.62 | 2.00 |
| 361.71 | 386.76 | 411.81 | 436.85 | 461.88 | 486.91 | 511.94 | 536.97 | 587.01 | 637.05 | 762.13 | 787.14 | 827.16 | 867.17 | 2.00 |
| 369.33 | 394.37 | 419.41 | 444.44 | 469.47 | 494.50 | 519.52 | 544.54 | 594.58 | 644.61 | 769.68 | 794.69 | 834.70 | 874.72 | 2.00 |
| 384.53⑤ | 409.55⑤ | 434.58⑤ | 459.60⑤ | 484.62⑤ | 509.64⑤ | 534.66⑤ | 559.67⑤ | 609.70⑤ | 659.72⑤ | 784.77⑤ | 809.77⑤ | 849.79⑤ | 889.80⑤ | 2.00 |

Timing Belt Type U ■設計資料編

T10

設計表

2.13~5.00

表25-③ T10 設計表

| 回転比 | プーリ組合せ | | | | 軸間距離 mm | | | | | | | | | | |
|------|--------|---------|------|---------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 小プーリ | | 大プーリ | | 標準ベルト呼称 | | | | | | | | | | |
| | 歯数 | ピッチ径 mm | 歯数 | ピッチ径 mm | T10-40Z 40歯 400 | T10-45Z 45歯 450 | T10-50Z 50歯 500 | T10-55Z 55歯 550 | T10-60Z 60歯 600 | T10-65Z 65歯 650 | T10-70Z 70歯 700 | T10-75Z 75歯 750 | T10-80Z 80歯 800 | T10-85Z 85歯 850 | T10-90Z 90歯 900 |
| 2.13 | 15 | 47.75 | 32 | 101.86 | — | 103.98 | 129.68 | 155.14 | 180.47 | 205.72 | 230.91 | 256.07 | 281.20 | 306.31 | 331.40 |
| 2.14 | 28 | 89.13 | 60 | 190.99 | — | — | — | — | — | — | — | — | 172.48 | 198.47 | 224.22 |
| 2.14 | 14 | 44.56 | 30 | 95.49 | 86.24⑤ | 112.11⑤ | 137.64 | 163.01 | 188.28 | 213.48 | 238.64 | 263.77 | 288.88 | 313.97 | 339.04 |
| 2.17 | 12 | 38.20 | 26 | 82.76 | 102.58⑤ | 128.06⑤ | 153.38⑤ | 178.61⑤ | 203.78⑤ | 228.92⑤ | 254.02⑤ | 279.11⑤ | 304.18⑤ | 329.25⑤ | 354.30⑤ |
| 2.18 | 22 | 70.03 | 48 | 152.79 | — | — | — | — | — | 144.06 | 169.96 | 195.62 | 221.13 | 246.53 | 271.85 |
| 2.20 | 20 | 63.66 | 44 | 140.06 | — | — | — | — | 134.58 | 160.45 | 186.08 | 211.55 | 236.92 | 262.22 | 287.46 |
| 2.22 | 18 | 57.30 | 40 | 127.32 | — | — | — | 125.10 | 150.94 | 176.53 | 201.96 | 227.30 | 252.57 | 277.79 | 302.98 |
| 2.25 | 16 | 50.93 | 36 | 114.59 | — | — | 115.62 | 141.42 | 166.97 | 192.37 | 217.67 | 242.91 | 268.11 | 293.27 | 318.41 |
| 2.27 | 22 | 70.03 | 50 | 159.15 | — | — | — | — | — | 137.79 | 163.94 | 189.77 | 215.39 | 240.88 | 266.27 |
| 2.29 | 14 | 44.56 | 32 | 101.86 | — | 106.13⑤ | 131.89 | 157.39 | 182.75 | 208.03 | 233.24 | 258.41 | 283.55 | 308.67 | 333.77 |
| 2.31 | 26 | 82.76 | 60 | 190.99 | — | — | — | — | — | — | — | 150.26 | 176.71 | 202.78 | 228.60 |
| 2.33 | 12 | 38.20 | 28 | 89.13 | 96.65④ | 122.35⑤ | 147.81⑤ | 173.13⑤ | 198.37⑤ | 223.55⑤ | 248.70⑤ | 273.82⑤ | 298.92⑤ | 324.00⑤ | 349.07⑤ |
| 2.40 | 25 | 79.58 | 60 | 190.99 | — | — | — | — | — | — | — | 152.31 | 178.82 | 204.93 | 230.78 |
| 2.40 | 20 | 63.66 | 48 | 152.79 | — | — | — | — | 121.85 | 148.30 | 174.30 | 200.04 | 225.60 | 251.04 | 276.41 |
| 2.40 | 15 | 47.75 | 36 | 114.59 | — | 91.39⑤ | 117.76 | 143.61 | 169.20 | 194.63 | 219.96 | 245.22 | 270.43 | 295.61 | 320.76 |
| 2.44 | 18 | 57.30 | 44 | 140.06 | — | — | — | 112.38 | 138.83 | 164.80 | 190.51 | 216.04 | 241.45 | 266.79 | 292.07 |
| 2.50 | 24 | 76.39 | 60 | 190.99 | — | — | — | — | — | — | — | 154.37 | 180.93 | 207.07 | 232.95 |
| 2.50 | 20 | 63.66 | 50 | 159.15 | — | — | — | — | — | 141.97 | 168.22 | 194.13 | 219.81 | 245.35 | 270.79 |
| 2.50 | 16 | 50.93 | 40 | 127.32 | — | — | 102.91 | 129.36 | 155.30 | 180.97 | 206.47 | 231.85 | 257.16 | 282.42 | 307.63 |
| 2.50 | 12 | 38.20 | 30 | 95.49 | 90.46④ | 116.48⑤ | 142.11⑤ | 167.55⑤ | 192.87⑤ | 218.12⑤ | 243.31⑤ | 268.47⑤ | 293.60⑤ | 318.71⑤ | 343.81⑤ |
| 2.57 | 14 | 44.56 | 36 | 114.59 | — | 93.44⑤ | 119.89⑤ | 145.80⑤ | 171.42 | 196.89 | 222.24 | 247.52 | 272.75 | 297.94 | 323.10 |
| 2.67 | 18 | 57.30 | 48 | 152.79 | — | — | — | — | 125.95 | 152.53 | 178.62 | 204.42 | 230.05 | 255.54 | 280.94 |
| 2.67 | 15 | 47.75 | 40 | 127.32 | — | — | 104.96⑤ | 131.48 | 157.47 | 183.18 | 208.71 | 234.12 | 259.45 | 284.72 | 309.95 |
| 2.67 | 12 | 38.20 | 32 | 101.86 | 83.97④ | 110.41⑤ | 136.28⑤ | 161.87⑤ | 187.30⑤ | 212.62⑤ | 237.87⑤ | 263.07⑤ | 288.24⑤ | 313.38⑤ | 338.50⑤ |
| 2.73 | 22 | 70.03 | 60 | 190.99 | — | — | — | — | — | — | — | 158.46 | 185.12 | 211.35 | 237.29 |
| 2.75 | 16 | 50.93 | 44 | 140.06 | — | — | — | 116.48 | 143.06 | 169.13 | 194.91 | 220.50 | 245.96 | 271.34 | 296.65 |
| 2.78 | 18 | 57.30 | 50 | 159.15 | — | — | — | — | 119.11 | 146.12 | 172.48 | 198.47 | 224.22 | 249.81 | 275.29 |
| 2.86 | 14 | 44.56 | 40 | 127.32 | — | — | 107.00⑤ | 133.59⑤ | 159.64⑤ | 185.38 | 210.94 | 236.38 | 261.73 | 287.02 | 312.26 |
| 2.93 | 15 | 47.75 | 44 | 140.06 | — | — | — | 118.51⑤ | 145.16⑤ | 171.28 | 197.10 | 222.72 | 248.21 | 273.61 | 298.94 |
| 3.00 | 20 | 63.66 | 60 | 190.99 | — | — | — | — | — | — | — | 162.53 | 189.29 | 215.60 | 241.61 |
| 3.00 | 16 | 50.93 | 48 | 152.79 | — | — | — | — | 130.03 | 156.72 | 182.91 | 208.79 | 234.47 | 260.01 | 285.46 |
| 3.00 | 12 | 38.20 | 36 | 114.59 | — | 97.52④ | 124.12④ | 150.14⑤ | 175.85⑤ | 201.38⑤ | 226.78⑤ | 252.11⑤ | 277.37⑤ | 302.59⑤ | 327.77⑤ |
| 3.13 | 16 | 50.93 | 50 | 159.15 | — | — | — | — | 123.11⑤ | 150.26 | 176.71 | 202.78 | 228.60 | 254.24 | 279.77 |
| 3.14 | 14 | 44.56 | 44 | 140.06 | — | — | — | 120.54⑤ | 147.26⑤ | 173.43⑤ | 199.28⑤ | 224.93 | 250.45 | 275.87 | 301.22 |
| 3.20 | 15 | 47.75 | 48 | 152.79 | — | — | — | — | 132.06⑤ | 158.82⑤ | 185.05 | 210.96 | 236.67 | 262.24 | 287.71 |
| 3.33 | 18 | 57.30 | 60 | 190.99 | — | — | — | — | — | — | 138.92 | 166.59 | 193.45 | 219.84 | 245.92 |
| 3.33 | 15 | 47.75 | 50 | 159.15 | — | — | — | — | 125.10⑤ | 152.31⑤ | 178.82 | 204.93 | 230.78 | 256.45 | 282.00 |
| 3.33 | 12 | 38.20 | 40 | 127.32 | — | — | 111.06④ | 137.79④ | 163.94④ | 189.77⑤ | 215.39⑤ | 240.88⑤ | 266.27⑤ | 291.59⑤ | 316.87⑤ |
| 3.43 | 14 | 44.56 | 48 | 152.79 | — | — | — | — | 134.08⑤ | 160.90⑤ | 187.18⑤ | 213.13⑤ | 238.87⑤ | 264.46 | 289.95 |
| 3.57 | 14 | 44.56 | 50 | 159.15 | — | — | — | — | 127.08④ | 154.37⑤ | 180.93⑤ | 207.07⑤ | 232.95⑤ | 258.65 | 284.22 |
| 3.67 | 12 | 38.20 | 44 | 140.06 | — | — | — | 124.59④ | 151.44④ | 177.70④ | 203.63⑤ | 229.35⑤ | 254.91⑤ | 280.37⑤ | 305.76⑤ |
| 3.75 | 16 | 50.93 | 60 | 190.99 | — | — | — | — | — | — | 142.83⑤ | 170.63⑤ | 197.59 | 224.06 | 250.20 |
| 4.00 | 15 | 47.75 | 60 | 190.99 | — | — | — | — | — | — | 144.79⑤ | 172.64⑤ | 199.65⑤ | 226.16⑤ | 252.34 |
| 4.00 | 12 | 38.20 | 48 | 152.79 | — | — | — | 110.09④ | 138.12④ | 165.06④ | 191.43④ | 217.45④ | 243.25⑤ | 268.90⑤ | 294.43⑤ |
| 4.17 | 12 | 38.20 | 50 | 159.15 | — | — | — | — | 131.04④ | 158.46④ | 185.12④ | 211.35④ | 237.29⑤ | 263.05⑤ | 288.66⑤ |
| 4.29 | 14 | 44.56 | 60 | 190.99 | — | — | — | — | — | — | 146.74④ | 174.66⑤ | 201.71⑤ | 228.26⑤ | 254.47⑤ |
| 5.00 | 12 | 38.20 | 60 | 190.99 | — | — | — | — | — | — | 150.63④ | 178.67④ | 205.82④ | 232.45④ | 258.72④ |

T10

2.13~5.00

下表③, ④, ⑤は小プーリのかみあい歯数を示します。伝動容量計算のときには次の値で補正してください。

| かみあい歯数 補正係数 (Km) | 6以上 | ⑤ | ④ | ③ | ② |
|---------------------|-----|-----|-----|-----|-----|
| | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 |

| 軸 間 距 離 mm | | | | | | | | | | | | | | 回転比 |
|-----------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------|
| T10-95Z 95歯 950 | T10-100Z 100歯 1000 | T10-105Z 105歯 525 | T10-110Z 110歯 1050 | T10-115Z 115歯 1150 | T10-120Z 120歯 1200 | T10-125Z 125歯 1250 | T10-130Z 130歯 1300 | T10-140Z 140歯 1400 | T10-150Z 150歯 1500 | T10-175Z 175歯 1600 | T10-180Z 180歯 1800 | T10-188Z 188歯 1880 | T10-196Z 196歯 1960 | |
| 356.47 | 381.54 | 406.60 | 431.65 | 456.70 | 481.74 | 506.78 | 531.81 | 581.87 | 631.92 | 757.02 | 782.03 | 822.05 | 862.08 | 2.13 |
| 249.81 | 275.29 | 300.69 | 326.02 | 351.31 | 376.56 | 401.77 | 426.96 | 477.28 | 527.54 | 653.01 | 678.09 | 718.19 | 758.29 | 2.14 |
| 364.11 | 389.17 | 414.22 | 439.26 | 464.30 | 489.34 | 514.37 | 539.40 | 589.45 | 639.49 | 764.58 | 789.59 | 829.61 | 869.63 | 2.14 |
| 379.35⑤ | 404.39⑤ | 429.42⑤ | 454.45⑤ | 479.48⑤ | 504.51⑤ | 529.53⑤ | 554.55⑤ | 604.59⑤ | 654.62⑤ | 779.68⑤ | 804.69⑤ | 844.71⑤ | 884.72⑤ | 2.17 |
| 297.12 | 322.34 | 347.54 | 372.70 | 397.85 | 422.98 | 448.09 | 473.19 | 523.36 | 573.51 | 698.77 | 723.82 | 763.88 | 803.94 | 2.18 |
| | | | | | | | | | | | | | | |
| 312.67 | 337.84 | 362.99 | 388.12 | 413.23 | 438.34 | 463.43 | 488.51 | 538.65 | 588.76 | 713.98 | 739.01 | 779.06 | 819.11 | 2.20 |
| 328.13 | 353.26 | 378.38 | 403.48 | 428.57 | 453.65 | 478.72 | 503.78 | 553.89 | 603.99 | 729.16 | 754.19 | 794.23 | 834.27 | 2.22 |
| 343.53 | 368.63 | 393.71 | 418.79 | 443.86 | 468.92 | 493.97 | 519.02 | 569.11 | 619.18 | 744.32 | 769.34 | 809.37 | 849.40 | 2.25 |
| 291.59 | 316.87 | 342.10 | 367.30 | 392.47 | 417.62 | 442.76 | 467.88 | 518.08 | 568.25 | 693.57 | 718.62 | 758.69 | 798.76 | 2.27 |
| 358.86 | 383.93 | 409.00 | 434.05 | 459.11 | 484.15 | 509.19 | 534.23 | 584.30 | 634.35 | 759.46 | 784.48 | 824.50 | 864.53 | 2.29 |
| | | | | | | | | | | | | | | |
| 254.24 | 279.77 | 305.20 | 330.57 | 355.89 | 381.16 | 406.40 | 431.61 | 481.96 | 532.25 | 657.77 | 682.86 | 722.97 | 763.08 | 2.31 |
| 374.13⑤ | 399.19⑤ | 424.24⑤ | 449.28⑤ | 474.32⑤ | 499.35⑤ | 524.38⑤ | 549.41⑤ | 599.46⑤ | 649.50⑤ | 774.58⑤ | 799.59⑤ | 839.61⑤ | 879.63⑤ | 2.33 |
| 256.45 | 282.00 | 307.45 | 332.84 | 358.17 | 383.45 | 408.70 | 433.92 | 484.30 | 534.60 | 660.15 | 685.24 | 725.36 | 765.47 | 2.40 |
| 301.71 | 326.96 | 352.18 | 377.37 | 402.53 | 427.68 | 452.81 | 477.92 | 528.12 | 578.28 | 703.59 | 728.64 | 768.71 | 808.77 | 2.40 |
| 345.89 | 370.99 | 396.09 | 421.17 | 446.25 | 471.31 | 496.37 | 521.43 | 571.52 | 621.60 | 746.75 | 771.78 | 811.81 | 851.84 | 2.40 |
| | | | | | | | | | | | | | | |
| 317.30 | 342.50 | 367.67 | 392.82 | 417.95 | 443.07 | 468.17 | 493.26 | 543.42 | 593.56 | 718.81 | 743.85 | 783.91 | 823.96 | 2.44 |
| 258.65 | 284.22 | 309.70 | 335.10 | 360.45 | 385.74 | 411.01 | 436.24 | 486.63 | 536.94 | 662.52 | 687.61 | 727.74 | 767.86 | 2.50 |
| 296.15 | 321.45 | 346.71 | 371.94 | 397.13 | 422.30 | 447.45 | 472.59 | 522.82 | 573.01 | 698.37 | 723.42 | 763.51 | 803.58 | 2.50 |
| 332.81 | 357.96 | 383.10 | 408.21 | 433.32 | 458.41 | 483.49 | 508.57 | 558.69 | 608.80 | 734.01 | 759.04 | 799.09 | 839.13 | 2.50 |
| 368.89⑤ | 393.96⑤ | 419.02⑤ | 444.08⑤ | 469.13⑤ | 494.17⑤ | 519.21⑤ | 544.25⑤ | 594.31⑤ | 644.36⑤ | 769.47⑤ | 794.48⑤ | 834.51⑤ | 874.53⑤ | 2.50 |
| | | | | | | | | | | | | | | |
| 348.24 | 373.36 | 398.46 | 423.55 | 448.63 | 473.71 | 498.77 | 523.83 | 573.93 | 624.02 | 749.18 | 774.21 | 814.25 | 854.28 | 2.57 |
| 306.28 | 331.56 | 356.81 | 382.02 | 407.20 | 432.36 | 457.51 | 482.64 | 532.86 | 583.04 | 708.39 | 733.45 | 773.53 | 813.60 | 2.67 |
| 335.14 | 360.30 | 385.45 | 410.57 | 435.68 | 460.78 | 485.87 | 510.95 | 561.09 | 611.20 | 736.43 | 761.46 | 801.51 | 841.56 | 2.67 |
| 363.61⑤ | 388.70⑤ | 413.78⑤ | 438.85⑤ | 463.91⑤ | 488.96⑤ | 514.01⑤ | 539.06⑤ | 589.14⑤ | 639.21⑤ | 764.34⑤ | 789.36⑤ | 829.39⑤ | 869.42⑤ | 2.67 |
| 263.05 | 288.66 | 314.18 | 339.61 | 364.99 | 390.31 | 415.60 | 440.85 | 491.28 | 541.62 | 667.26 | 692.36 | 732.50 | 772.63 | 2.73 |
| | | | | | | | | | | | | | | |
| 321.92 | 347.14 | 372.33 | 397.50 | 422.65 | 447.78 | 472.90 | 498.01 | 548.19 | 598.34 | 723.63 | 748.67 | 788.74 | 828.80 | 2.75 |
| 300.69 | 326.02 | 351.31 | 376.56 | 401.77 | 426.96 | 452.13 | 477.28 | 527.54 | 577.76 | 703.16 | 728.22 | 768.31 | 808.40 | 2.78 |
| 337.46 | 362.64 | 387.79 | 412.93 | 438.05 | 463.15 | 488.25 | 513.33 | 563.48 | 613.60 | 738.84 | 763.88 | 803.94 | 843.99 | 2.86 |
| 324.21 | 349.45 | 374.66 | 399.84 | 424.99 | 450.13 | 475.26 | 500.37 | 550.57 | 600.73 | 726.03 | 751.08 | 791.15 | 831.22 | 2.93 |
| 267.42 | 293.09 | 318.64 | 344.11 | 369.52 | 394.87 | 420.18 | 445.45 | 495.91 | 546.29 | 671.98 | 697.09 | 737.25 | 777.39 | 3.00 |
| | | | | | | | | | | | | | | |
| 310.83 | 336.14 | 361.41 | 386.65 | 411.85 | 437.03 | 462.19 | 487.34 | 537.59 | 587.79 | 713.18 | 738.24 | 778.33 | 818.42 | 3.00 |
| 352.93⑤ | 378.07⑤ | 403.19⑤ | 428.30⑤ | 453.39⑤ | 478.48⑤ | 503.55⑤ | 528.62⑤ | 578.74⑤ | 628.84⑤ | 754.03⑤ | 779.06⑤ | 819.11⑤ | 859.15⑤ | 3.00 |
| 305.20 | 330.57 | 355.89 | 381.16 | 406.40 | 431.61 | 456.79 | 481.96 | 532.25 | 582.49 | 707.93 | 733.00 | 773.11 | 813.20 | 3.13 |
| 326.51 | 351.76 | 376.98 | 402.17 | 427.33 | 452.48 | 477.61 | 502.73 | 552.94 | 603.11 | 728.44 | 753.49 | 793.56 | 833.63 | 3.14 |
| 313.09 | 338.42 | 363.71 | 388.95 | 414.17 | 439.36 | 464.53 | 489.68 | 539.95 | 590.16 | 715.57 | 740.64 | 780.73 | 820.82 | 3.20 |
| | | | | | | | | | | | | | | |
| 271.78 | 297.49 | 323.09 | 348.59 | 374.03 | 399.41 | 424.74 | 450.04 | 500.54 | 550.94 | 676.70 | 701.82 | 741.99 | 782.14 | 3.33 |
| 307.45 | 332.84 | 358.17 | 383.45 | 408.70 | 433.92 | 459.12 | 484.30 | 534.60 | 584.85 | 710.32 | 735.39 | 775.50 | 815.60 | 3.33 |
| 342.10⑤ | 367.30⑤ | 392.47⑤ | 417.62⑤ | 442.76⑤ | 467.88⑤ | 492.99⑤ | 518.08⑤ | 568.25⑤ | 618.39⑤ | 743.66⑤ | 768.71⑤ | 808.77⑤ | 848.83⑤ | 3.33 |
| 315.36 | 340.70 | 366.00 | 391.26 | 416.48 | 441.69 | 466.86 | 492.02 | 542.30 | 592.53 | 717.96 | 743.03 | 783.13 | 823.22 | 3.43 |
| 309.70 | 335.10 | 360.45 | 385.74 | 411.01 | 436.24 | 461.44 | 486.63 | 536.94 | 587.20 | 712.70 | 737.78 | 777.89 | 817.99 | 3.57 |
| | | | | | | | | | | | | | | |
| 331.08⑤ | 356.36⑤ | 381.60⑤ | 406.81⑤ | 432.00⑤ | 457.16⑤ | 482.31⑤ | 507.44⑤ | 557.67⑤ | 607.87⑤ | 733.23⑤ | 758.29⑤ | 798.38⑤ | 838.45⑤ | 3.67 |
| 276.12 | 301.88 | 327.51 | 353.05 | 378.52 | 403.93 | 429.29 | 454.61 | 505.15 | 555.59 | 681.40 | 706.53 | 746.72 | 786.88 | 3.75 |
| 278.28 | 304.07 | 329.72 | 355.28 | 380.76 | 406.19 | 431.56 | 456.89 | 507.45 | 557.90 | 683.75 | 708.88 | 749.08 | 789.25 | 4.00 |
| 319.87⑤ | 345.25⑤ | 370.57⑤ | 395.85⑤ | 421.10⑤ | 446.32⑤ | 471.52⑤ | 496.70⑤ | 547.00⑤ | 597.25⑤ | 722.73⑤ | 747.81⑤ | 787.92⑤ | 828.02⑤ | 4.00 |
| 314.18⑤ | 339.61⑤ | 364.99⑤ | 390.31⑤ | 415.60⑤ | 440.85⑤ | 466.08⑤ | 491.28⑤ | 541.62⑤ | 591.91⑤ | 717.45⑤ | 742.54⑤ | 782.66⑤ | 822.78⑤ | 4.17 |
| | | | | | | | | | | | | | | |
| 280.44⑤ | 306.25⑤ | 331.93 | 357.50 | 383.00 | 408.44 | 433.82 | 459.16 | 509.74 | 560.22 | 686.09 | 711.23 | 751.43 | 791.61 | 4.29 |
| 284.75④ | 310.61⑤ | 336.32⑤ | 361.94⑤ | 387.47⑤ | 412.93⑤ | 438.34⑤ | 463.71⑤ | 514.33⑤ | 564.83⑤ | 690.78⑤ | 715.92⑤ | 756.14⑤ | 796.34⑤ | 5.00 |

Timing Pulley U ■プーリ編

MXL

標準プーリ寸法

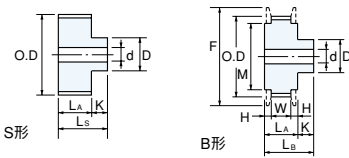


表26-① MXL 標準棒状プーリ寸法表 (単位：mm)

| 歯 数 | P.D. | O.D. | 呼 称 | 長 さ | 材 質 | 歯 数 | P.D. | O.D. | 呼 称 | 長 さ | 材 質 |
|-----|-------|-------|--------------|-----|--|-----|-------|-------|---------------|-----|--|
| 10 | 6.47 | 5.96 | P 10 MXL 100 | 100 | 高 力 ア ル ミ ニ ウ ム 合 金 | 34 | 21.99 | 21.48 | P 34 MXL 100 | 100 | 高 力 ア ル ミ ニ ウ ム 合 金 |
| 11 | 7.11 | 6.61 | P 11 MXL 100 | | | 36 | 23.29 | 22.78 | P 36 MXL 100 | | |
| 12 | 7.76 | 7.25 | P 12 MXL 100 | | | 38 | 24.58 | 24.07 | P 38 MXL 100 | | |
| 13 | 8.41 | 7.90 | P 13 MXL 100 | | | 40 | 25.87 | 25.36 | P 40 MXL 100 | | |
| 14 | 9.06 | 8.55 | P 14 MXL 100 | | | 42 | 27.17 | 26.66 | P 42 MXL 100 | | |
| 15 | 9.70 | 9.19 | P 15 MXL 100 | | | 44 | 28.46 | 27.95 | P 44 MXL 100 | | |
| 16 | 10.35 | 9.84 | P 16 MXL 100 | | | 46 | 29.75 | 29.25 | P 46 MXL 100 | | |
| 17 | 11.00 | 10.49 | P 17 MXL 100 | | | 48 | 31.05 | 30.54 | P 48 MXL 100 | | |
| 18 | 11.64 | 11.13 | P 18 MXL 100 | | | 50 | 32.34 | 31.83 | P 50 MXL 100 | | |
| 19 | 12.29 | 11.78 | P 19 MXL 100 | | | 52 | 33.63 | 33.13 | P 52 MXL 100 | | |
| 20 | 12.94 | 12.43 | P 20 MXL 100 | | | 54 | 34.93 | 34.42 | P 54 MXL 100 | | |
| 21 | 13.58 | 13.07 | P 21 MXL 100 | | | 56 | 36.22 | 35.71 | P 56 MXL 100 | | |
| 22 | 14.23 | 13.72 | P 22 MXL 100 | | | 60 | 38.81 | 38.30 | P 60 MXL 100 | | |
| 23 | 14.88 | 14.37 | P 23 MXL 100 | | | 64 | 41.40 | 40.89 | P 64 MXL 100 | | |
| 24 | 15.52 | 15.02 | P 24 MXL 100 | | | 70 | 45.28 | 44.77 | P 70 MXL 100 | | |
| 25 | 16.17 | 15.66 | P 25 MXL 100 | | | 72 | 46.57 | 46.06 | P 72 MXL 100 | | |
| 26 | 16.82 | 16.31 | P 26 MXL 100 | | | 80 | 51.74 | 51.24 | P 80 MXL 100 | | |
| 27 | 17.46 | 16.96 | P 27 MXL 100 | | | 84 | 54.33 | 53.82 | P 84 MXL 100 | | |
| 28 | 18.11 | 17.60 | P 28 MXL 100 | | | 96 | 62.09 | 61.59 | P 96 MXL 100 | | |
| 30 | 19.40 | 18.90 | P 30 MXL 100 | | | 100 | 64.68 | 64.17 | P 100 MXL 100 | | |
| 32 | 20.70 | 20.19 | P 32 MXL 100 | | | 120 | 77.62 | 77.11 | P 120 MXL 100 | | |

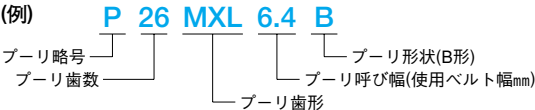
●ご希望に応じ当社にて標準プーリに加工いたします。

表26-2 MXL 標準棒状プーリ寸法表 (単位：mm)
●ベルト幅-6.4mm

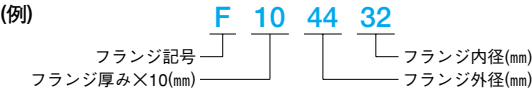
| 歯 数 | 形 状 | 材質 | P.D. | O.D. | 呼 称 | L _A | L _B | M | W | H | K | D | d | | E | G | フランジ(材質Al) 品番 | プーリ 概算質量(kg) |
|-----|-----|--|-------|-------|---------------|----------------|----------------|----|---|---|---|-----|-----|-----|---|---|------------------|-----------------|
| | | | | | | | | | | | | | min | max | | | | |
| 20 | B | 高 力 ア ル ミ ニ ウ ム 合 金 | 12.94 | 12.43 | P 20 MXL 6.4 | 11 | 16 | 11 | 7 | 2 | 5 | 9.0 | 3 | 6 | | | F-101811 | 0.003 |
| 21 | B | | 13.58 | 13.08 | P 21 MXL 6.4 | 11 | 16 | 11 | 7 | 2 | 5 | 9.0 | 3 | 6 | | | F-101811 | 0.004 |
| 22 | B | | 14.23 | 13.72 | P 22 MXL 6.4 | 11 | 16 | 11 | 7 | 2 | 5 | 9.0 | 3 | 6 | | | F-101811 | 0.004 |
| 23 | B | | 14.88 | 14.37 | P 23 MXL 6.4 | 11 | 16 | 12 | 7 | 2 | 5 | 10 | 3 | 6 | | | F-102012 | 0.005 |
| 24 | B | | 15.52 | 15.02 | P 24 MXL 6.4 | 11 | 16 | 12 | 7 | 2 | 5 | 10 | 3 | 6 | | | F-102012 | 0.005 |
| 25 | B | | 16.17 | 15.66 | P 25 MXL 6.4 | 11 | 16 | 12 | 7 | 2 | 5 | 10 | 3 | 6 | | | F-102312 | 0.006 |
| 26 | B | | 16.82 | 16.31 | P 26 MXL 6.4 | 11 | 16 | 12 | 7 | 2 | 5 | 10 | 3 | 6 | | | F-102312 | 0.006 |
| 27 | B | | 17.46 | 16.96 | P 27 MXL 6.4 | 11 | 16 | 13 | 7 | 2 | 5 | 11 | 4 | 7 | | | F-102313 | 0.006 |
| 28 | B | | 18.11 | 17.60 | P 28 MXL 6.4 | 11 | 16 | 13 | 7 | 2 | 5 | 11 | 4 | 7 | | | F-102313 | 0.007 |
| 30 | B | | 19.40 | 18.90 | P 30 MXL 6.4 | 11 | 16 | 13 | 7 | 2 | 5 | 11 | 4 | 7 | | | F-102313 | 0.008 |
| 32 | B | | 20.70 | 20.19 | P 32 MXL 6.4 | 11 | 16 | 16 | 7 | 2 | 5 | 13 | 4 | 8 | | | F-102616 | 0.009 |
| 36 | B | | 23.29 | 22.78 | P 36 MXL 6.4 | 11 | 16 | 18 | 7 | 2 | 5 | 15 | 5 | 10 | | | F-102818 | 0.011 |
| 40 | B | | 25.87 | 25.36 | P 40 MXL 6.4 | 11 | 18 | 20 | 7 | 2 | 7 | 17 | 5 | 10 | | | F-103120 | 0.016 |
| 48 | B | | 31.05 | 30.54 | P 48 MXL 6.4 | 11 | 18 | 22 | 7 | 2 | 7 | 18 | 5 | 10 | | | F-103522 | 0.023 |
| 60 | B | | 38.81 | 38.30 | P 60 MXL 6.4 | 11 | 18 | 32 | 7 | 2 | 7 | 28 | 5 | 20 | | | F-104432 | 0.031 |
| 72 | B | | 46.57 | 46.06 | P 72 MXL 6.4 | 11 | 18 | 36 | 7 | 2 | 7 | 30 | 5 | 20 | | | F-105136 | 0.048 |
| 84 | B | | 54.33 | 53.82 | P 84 MXL 6.4 | 11 | 18 | 41 | 7 | 2 | 7 | 35 | 5 | 23 | | | F-106141 | 0.066 |
| 96 | B | | 62.09 | 61.59 | P 96 MXL 6.4 | 11 | 18 | 50 | 7 | 2 | 7 | 42 | 5 | 28 | | | F-106950 | 0.085 |
| 120 | B | | 77.62 | 77.11 | P 120 MXL 6.4 | 11 | 18 | 66 | 7 | 2 | 7 | 56 | 5 | 37 | | | F-108666 | 0.134 |

●下穴φのmin寸法はH8で仕上がっています。
●標準プーリ(B)はフランジがセットになっています。

プーリの呼称



フランジの呼称



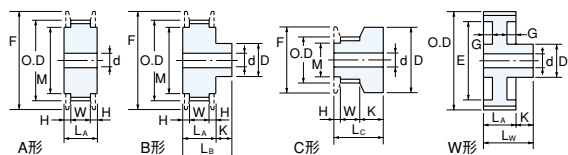


表27 XL 標準プーリ寸法表

●ベルト幅-037(9.5mm)

(単位: mm)

| 歯 数 | 形 状 | 材質 | P. D. | O. D. | 呼 称 | L _A | L _B | L _C | L _W | W | H | K | D | d | | E | G | フランジ(材質SPCC) | プーリ | |
|-----|------|-----------------------|--------|--------|-----------|----------------|----------------|----------------|----------------|----|---|----|----|-----|-----|-----|---|--------------|----------|-------|
| | | | | | | | | | | | | | | min | max | | | 品番 | 概算質量(kg) | |
| 10 | C | 焼 結 金 | 16.17 | 15.66 | 10 XL 037 | | | 23 | | 11 | 2 | 10 | 23 | 4 | 8 | | | F-102312 | 0.041 | |
| 11 | C | | 17.79 | 17.28 | 11 XL 037 | | | 23 | | 11 | 2 | 10 | 25 | 5 | 9 | | | F-102513 | 0.048 | |
| 12 | C | | 19.40 | 18.90 | 12 XL 037 | | | 23 | | 11 | 2 | 10 | 25 | 6 | 10 | | | F-102514 | 0.051 | |
| 14 | C | | 22.64 | 22.13 | 14 XL 037 | | | 23 | | 11 | 2 | 10 | 28 | 6 | 14 | | | F-102818 | 0.068 | |
| 15 | C | | 24.46 | 23.75 | 15 XL 037 | | | 23 | | 11 | 2 | 10 | 28 | 6 | 14 | | | F-102818 | 0.072 | |
| 16 | B | | 25.87 | 25.36 | 16 XL 037 | 15 | 23 | | | 11 | 2 | 8 | 17 | 6 | 10 | | | F-103120 | 0.055 | |
| 18 | B | | 29.11 | 28.60 | 18 XL 037 | 15 | 23 | | | 11 | 2 | 8 | 19 | 6 | 12 | | | F-103322 | 0.071 | |
| 19 | B | | 30.72 | 30.22 | 19 XL 037 | 15 | 23 | | | 11 | 2 | 8 | 19 | 6 | 12 | | | F-103522 | 0.078 | |
| 20 | B | | 32.34 | 31.83 | 20 XL 037 | 15 | 23 | | | 11 | 2 | 8 | 22 | 8 | 14 | | | F-103826 | 0.088 | |
| 21 | B | | 33.96 | 33.45 | 21 XL 037 | 15 | 23 | | | 11 | 2 | 8 | 22 | 8 | 14 | | | F-103826 | 0.096 | |
| 22 | B | | 35.57 | 35.07 | 22 XL 037 | 15 | 23 | | | 11 | 2 | 8 | 24 | 8 | 16 | | | F-104328 | 0.108 | |
| 24 | B | | 38.81 | 38.30 | 24 XL 037 | 15 | 23 | | | 11 | 2 | 8 | 27 | 8 | 18 | | | F-104432 | 0.132 | |
| 25 | B | | 40.43 | 39.92 | 25 XL 037 | 15 | 23 | | | 11 | 2 | 8 | 28 | 8 | 19 | | | F-104432 | 0.144 | |
| 26 | B | | 42.04 | 41.53 | 26 XL 037 | 15 | 23 | | | 11 | 2 | 8 | 29 | 8 | 20 | | | F-104734 | 0.157 | |
| 28 | B | | 45.28 | 44.77 | 28 XL 037 | 15 | 23 | | | 11 | 2 | 8 | 30 | 8 | 21 | | | F-104836 | 0.180 | |
| 30 | B | | 48.51 | 48.00 | 30 XL 037 | 15 | 23 | | | 11 | 2 | 8 | 33 | 10 | 24 | | | F-105539 | 0.208 | |
| 32 | A, B | 鋼 材 | 51.74 | 51.24 | 32 XL 037 | 15 | 25 | | | 11 | 2 | 10 | 38 | 10 | 26 | | | F-105741 | 0.216 | 0.304 |
| 34 | A, B | | 54.98 | 54.47 | 34 XL 037 | 15 | 25 | | | 11 | 2 | 10 | 38 | 10 | 26 | | | F-106141 | 0.246 | 0.335 |
| 36 | A, B | | 58.21 | 57.70 | 36 XL 037 | 15 | 25 | | | 11 | 2 | 10 | 38 | 10 | 26 | | | F-106141 | 0.279 | 0.367 |
| 38 | A, B | | 61.45 | 60.94 | 38 XL 037 | 15 | 25 | | | 11 | 2 | 10 | 38 | 10 | 26 | | | F-106550 | 0.313 | 0.402 |
| 40 | A, B | | 64.68 | 64.17 | 40 XL 037 | 15 | 25 | | | 11 | 2 | 10 | 38 | 10 | 26 | | | F-106950 | 0.350 | 0.438 |
| 42 | A, B | | 67.91 | 67.41 | 42 XL 037 | 15 | 25 | | | 11 | 2 | 10 | 38 | 10 | 26 | | | F-107453 | 0.388 | 0.476 |
| 44 | A, B | | 71.15 | 70.64 | 44 XL 037 | 15 | 25 | | | 11 | 2 | 10 | 38 | 10 | 26 | | | F-107858 | 0.428 | 0.517 |
| 46 | A, B | | 74.83 | 73.87 | 46 XL 037 | 15 | 25 | | | 11 | 2 | 10 | 38 | 10 | 26 | | | F-107858 | 0.467 | 0.555 |
| 48 | W | ね ず み 鋳 鉄 | 77.62 | 77.11 | 48 XL 037 | 15 | | | 25 | | | 10 | 38 | 10 | 26 | 64 | 5 | | 0.406 | |
| 50 | W | | 80.85 | 80.34 | 50 XL 037 | 15 | | | 25 | | | 10 | 38 | 12 | 26 | 67 | 5 | | 0.421 | |
| 60 | W | | 97.02 | 96.51 | 60 XL 037 | 15 | | | 25 | | | 10 | 38 | 12 | 26 | 83 | 5 | | 0.524 | |
| 72 | W | | 116.43 | 115.92 | 72 XL 037 | 15 | | | 25 | | | 10 | 38 | 12 | 26 | 102 | 5 | | 0.670 | |

- プーリのA形・B形・C形のM寸法はフランジ内径寸法です。
- 軸穴はd寸法minに追加加工仕上げができる寸法になっています。
- 標準プーリ(A、B、C)はフランジがセットになっています。

プーリの呼称

(例) 25 XL 037 B

プーリ歯数 ———— プーリ形状(B形)
プーリ歯形 ———— プーリ呼び幅(使用ベルト幅inch×100)

フランジ呼称

(例) F-10 23 12

フランジ記号 ———— フランジ内径(mm)
フランジ厚み×10(mm) ———— フランジ外径(mm)

- フランジは取付けていませんので、ご使用の際は107～108ページを参照して必ず取付けてください。軸穴加工の際は外径を基準に加工してください。焼結品は黒化処理をしています。焼結品のB形をねじ止める場合は必ずM4以下の六角穴付止めネジを使用して、タップの位置はできるだけボスの端面から歯面に近い側にしてください。

Timing Pulley ■プーリ編

L

標準プーリ寸法

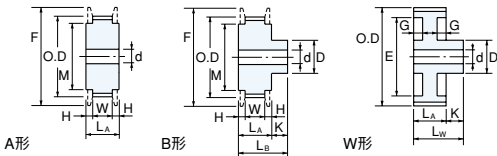


表28 L 標準プーリ寸法表

●ベルト幅-050(12.7mm)用

(単位: mm)

| 歯 数 | 形 状 | 材 質 | P. D. | O. D. | 呼 び 番 号 | L _A | L _B | L _W | W | H | K | D | d | | E | G | フランジ(材質SPCC) | プーリ | |
|------|------|-----------|--------|--------|----------|----------------|----------------|----------------|----|-----|----|----|-----|-----|-----|-----|--------------|----------|------|
| | | | | | | | | | | | | | min | max | | | 品番 | 概算質量(kg) | |
| 10 | A, B | 銅 | 30.32 | 29.56 | 10 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 20 | 6 | 14 | | | F-103522 | 0.08 | 0.14 |
| 12 | A, B | | 36.38 | 35.62 | 12 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 25 | 8 | 18 | | | F-104328 | 0.12 | 0.21 |
| 14 | A, B | | 42.45 | 41.68 | 14 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 30 | 10 | 20 | | | F-104734 | 0.17 | 0.29 |
| 15 | A, B | | 45.48 | 44.72 | 15 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 32 | 10 | 20 | | | F-165136 | 0.20 | 0.34 |
| 16 | A, B | | 48.51 | 47.75 | 16 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 34 | 12 | 22 | | | F-165539 | 0.23 | 0.38 |
| 17 | A, B | | 51.54 | 50.78 | 17 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 35 | 12 | 22 | | | F-165741 | 0.26 | 0.43 |
| 18 | A, B | | 54.57 | 53.81 | 18 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 36 | 12 | 24 | | | F-166141 | 0.30 | 0.47 |
| 19 | A, B | | 57.61 | 56.84 | 19 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 38 | 12 | 24 | | | F-166550 | 0.33 | 0.53 |
| 20 | A, B | | 60.64 | 59.88 | 20 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 40 | 12 | 26 | | | F-166550 | 0.34 | 0.59 |
| 21 | A, B | | 63.67 | 62.91 | 21 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 42 | 12 | 26 | | | F-166950 | 0.42 | 0.66 |
| 22 | A, B | | 66.70 | 65.94 | 22 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 44 | 12 | 28 | | | F-167453 | 0.46 | 0.72 |
| 24 | A, B | | 72.77 | 72.00 | 24 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 44 | 12 | 28 | | | F-167858 | 0.55 | 0.82 |
| 25 | A, B | | 75.80 | 75.04 | 25 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 44 | 12 | 28 | | | F-168363 | 0.60 | 0.87 |
| 26 | A, B | | 78.83 | 78.07 | 26 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 44 | 12 | 28 | | | F-168666 | 0.66 | 0.92 |
| 28 | A, B | | 84.89 | 84.13 | 28 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 50 | 12 | 30 | | | F-169375 | 0.77 | 1.11 |
| 30 | A, B | 材 | 90.96 | 90.20 | 30 L 050 | 19 | 31 | | 14 | 2.5 | 12 | 50 | 12 | 30 | | | F-169978 | 0.89 | 1.23 |
| 32 | A, B | | 97.02 | 96.26 | 32 L 050 | 19 | 34 | | 14 | 2.5 | 15 | 50 | 16 | 30 | | | F-1610584 | 1.01 | 1.38 |
| 34 | A, B | | 103.08 | 102.32 | 34 L 050 | 19 | 34 | | 14 | 2.5 | 15 | 56 | 16 | 32 | | | F-1611290 | 1.14 | 1.62 |
| 36 | A, B | | 109.15 | 108.39 | 36 L 050 | 19 | 34 | | 14 | 2.5 | 15 | 56 | 16 | 32 | | | F-1611590 | 1.29 | 1.77 |
| 38 | A, B | | 115.21 | 114.45 | 38 L 050 | 19 | 34 | | 14 | 2.5 | 15 | 60 | 16 | 34 | | | F-16126100 | 1.42 | 1.97 |
| 40 | A, B | | 121.28 | 120.51 | 40 L 050 | 19 | 34 | | 14 | 2.5 | 15 | 60 | 16 | 34 | | | F-16126100 | 1.61 | 2.16 |
| 42 | A, B | | 127.34 | 126.58 | 42 L 050 | 19 | 34 | | 14 | 2.5 | 15 | 60 | 16 | 34 | | | F-16131101 | 1.78 | 2.33 |
| 44 | A, B | | 133.40 | 132.64 | 44 L 050 | 19 | 39 | | 14 | 2.5 | 20 | 65 | 16 | 38 | | | F-16138125 | 1.96 | 2.73 |
| 46 | W | ねずみ 鋳鉄 | 139.47 | 138.71 | 46 L 050 | 19 | | 39 | | | 20 | 65 | 16 | 38 | 118 | 5.5 | | | 1.83 |
| 48 | W | | 145.53 | 144.77 | 48 L 050 | 19 | | 39 | | | 20 | 65 | 16 | 38 | 124 | 5.5 | | | 1.92 |
| 50 | W | | 151.60 | 150.83 | 50 L 050 | 19 | | 39 | | | 20 | 65 | 16 | 38 | 130 | 5.5 | | | 2.02 |
| 60 | W | | 181.91 | 181.15 | 60 L 050 | 19 | | 39 | | | 20 | 65 | 16 | 38 | 160 | 5.5 | | | 2.54 |
| 72 | W | | 218.30 | 217.53 | 72 L 050 | 19 | | 39 | | | 20 | 65 | 16 | 38 | 197 | 5.5 | | | 3.26 |
| (84) | W | | 254.68 | 253.92 | 84 L 050 | 19 | | 39 | | | 20 | 65 | 16 | 38 | 233 | 5.5 | | | 4.13 |

●ベルト幅-075(19.0mm)用

| | | | | | | | | | | | | | | | | | | | |
|------|------|-----------|--------|--------|----------|----|----|----|----|-----|----|----|----|----|-----|---|------------|------|------|
| 12 | A, B | 銅 | 36.38 | 35.62 | 12 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 25 | 8 | 18 | | | F-104328 | 0.17 | 0.27 |
| 14 | A, B | | 42.45 | 41.68 | 14 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 30 | 10 | 20 | | | F-104734 | 0.24 | 0.38 |
| 15 | A, B | | 45.48 | 44.72 | 15 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 32 | 10 | 20 | | | F-165136 | 0.28 | 0.45 |
| 16 | A, B | | 48.51 | 47.75 | 16 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 34 | 12 | 22 | | | F-165539 | 0.31 | 0.50 |
| 17 | A, B | | 51.54 | 50.78 | 17 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 35 | 12 | 22 | | | F-165741 | 0.36 | 0.56 |
| 18 | A, B | | 54.57 | 53.81 | 18 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 36 | 12 | 24 | | | F-166141 | 0.41 | 0.62 |
| 19 | A, B | | 57.61 | 56.84 | 19 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 38 | 12 | 24 | | | F-166550 | 0.46 | 0.70 |
| 20 | A, B | | 60.64 | 59.88 | 20 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 40 | 12 | 26 | | | F-166550 | 0.51 | 0.78 |
| 21 | A, B | | 63.67 | 62.91 | 21 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 42 | 12 | 26 | | | F-166950 | 0.57 | 0.86 |
| 22 | A, B | | 66.70 | 65.94 | 22 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 44 | 12 | 28 | | | F-167453 | 0.63 | 0.95 |
| 24 | A, B | | 72.77 | 72.00 | 24 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 44 | 12 | 28 | | | F-167858 | 0.76 | 1.08 |
| 25 | A, B | | 75.80 | 75.04 | 25 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 44 | 12 | 28 | | | F-168363 | 0.83 | 1.15 |
| 26 | A, B | | 78.83 | 78.07 | 26 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 44 | 12 | 28 | | | F-168666 | 0.90 | 1.22 |
| 28 | A, B | | 84.89 | 84.13 | 28 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 50 | 12 | 30 | | | F-169375 | 1.05 | 1.47 |
| 30 | A, B | 材 | 90.96 | 90.20 | 30 L 075 | 26 | 38 | | 21 | 2.5 | 12 | 50 | 12 | 30 | | | F-169978 | 1.22 | 1.64 |
| 32 | A, B | | 97.02 | 96.26 | 32 L 075 | 26 | 41 | | 21 | 2.5 | 15 | 50 | 16 | 30 | | | F-1610584 | 1.38 | 1.83 |
| 34 | A, B | | 103.08 | 102.32 | 34 L 075 | 26 | 41 | | 21 | 2.5 | 15 | 56 | 16 | 32 | | | F-1611290 | 1.56 | 2.14 |
| 36 | A, B | | 109.15 | 108.39 | 36 L 075 | 26 | 41 | | 21 | 2.5 | 15 | 56 | 16 | 32 | | | F-1611590 | 1.76 | 2.34 |
| 38 | A, B | | 115.21 | 114.45 | 38 L 075 | 26 | 41 | | 21 | 2.5 | 15 | 60 | 16 | 34 | | | F-16126100 | 1.96 | 2.51 |
| 40 | A, B | | 121.28 | 120.51 | 40 L 075 | 26 | 41 | | 21 | 2.5 | 15 | 60 | 16 | 34 | | | F-16126100 | 2.20 | 2.86 |
| 42 | A, B | | 127.34 | 126.58 | 42 L 075 | 26 | 41 | | 21 | 2.5 | 15 | 60 | 16 | 34 | | | F-16131101 | 2.43 | 3.09 |
| 44 | A, B | | 133.40 | 132.64 | 44 L 075 | 26 | 46 | | 21 | 2.5 | 20 | 65 | 16 | 38 | | | F-16138125 | 2.68 | 3.58 |
| 46 | W | ねずみ 鋳鉄 | 139.47 | 138.71 | 46 L 075 | 26 | | 46 | | | 20 | 65 | 16 | 38 | 118 | 8 | | | 2.28 |
| 48 | W | | 145.53 | 144.77 | 48 L 075 | 26 | | 46 | | | 20 | 65 | 16 | 38 | 124 | 8 | | | 2.40 |
| 50 | W | | 151.60 | 150.83 | 50 L 075 | 26 | | 46 | | | 20 | 65 | 16 | 38 | 130 | 8 | | | 2.52 |
| 60 | W | | 181.91 | 181.15 | 60 L 075 | 26 | | 46 | | | 20 | 65 | 16 | 38 | 160 | 8 | | | 3.20 |
| 72 | W | | 218.30 | 217.53 | 72 L 075 | 26 | | 46 | | | 20 | 65 | 16 | 38 | 197 | 8 | | | 4.11 |
| (84) | W | | 254.68 | 253.92 | 84 L 075 | 26 | | 46 | | | 20 | 65 | 16 | 38 | 233 | 8 | | | 5.21 |

● () 内の歯数は非在庫品です。

プーリの呼称

(例) **26 L 050 A**
 プーリ歯数 ———— プーリ形状(B形) ————
 プーリ歯形 ———— プーリ呼称幅(使用ベルト幅inch×100)

フランジ呼称

(例) **F -16 57 41**
 フランジ記号 ———— フランジ内径(mm) ————
 フランジ厚み×10(mm) ———— フランジ外径(mm)

●フランジは取付けていませんので、ご使用の際は107～108ページを参照して必ず取付けてください。軸穴加工の際は外径を基準に加工してください。

表28 L 標準プーリ寸法表

●ベルト幅-100(25.4mm)用

(単位: mm)

| 歯 数 | 形 状 | 材質 | P. D. | O. D. | 呼 称 | L _A | L _B | L _W | W | H | K | D | d | | E | G | フランジ(材質SPCC) | プーリ | |
|------|------|-----------------------|--------|--------|----------|----------------|----------------|----------------|----|-----|----|----|-----|-----|-----|----|--------------|----------|------|
| | | | | | | | | | | | | | min | max | | | 品番 | 概算質量(kg) | |
| 14 | A, B | 鋼 | 42.45 | 41.68 | 14 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 30 | 10 | 20 | | | F-104734 | 0.30 | 0.48 |
| 15 | A, B | | 45.48 | 44.72 | 15 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 32 | 10 | 20 | | | F-165136 | 0.35 | 0.56 |
| 16 | A, B | | 48.51 | 47.75 | 16 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 34 | 12 | 22 | | | F-165539 | 0.40 | 0.63 |
| 17 | A, B | | 51.54 | 50.78 | 17 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 35 | 12 | 22 | | | F-165741 | 0.45 | 0.70 |
| 18 | A, B | | 54.57 | 53.81 | 18 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 36 | 12 | 24 | | | F-166141 | 0.52 | 0.78 |
| 19 | A, B | | 57.61 | 56.84 | 19 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 38 | 12 | 24 | | | F-166550 | 0.58 | 0.87 |
| 20 | A, B | | 60.64 | 59.88 | 20 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 40 | 12 | 26 | | | F-166550 | 0.65 | 0.97 |
| 21 | A, B | | 63.67 | 62.91 | 21 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 42 | 12 | 26 | | | F-166950 | 0.72 | 1.08 |
| 22 | A, B | | 66.70 | 65.94 | 22 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 44 | 12 | 28 | | | F-167453 | 0.80 | 1.19 |
| 24 | A, B | | 72.77 | 72.00 | 24 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 44 | 12 | 28 | | | F-167858 | 0.96 | 1.36 |
| 25 | A, B | | 75.80 | 75.04 | 25 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 44 | 12 | 28 | | | F-168363 | 1.05 | 1.44 |
| 26 | A, B | | 78.83 | 78.07 | 26 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 44 | 12 | 28 | | | F-168666 | 1.14 | 1.54 |
| 28 | A, B | | 84.89 | 84.13 | 28 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 50 | 12 | 30 | | | F-169375 | 1.33 | 1.85 |
| 30 | A, B | 材 | 90.96 | 90.20 | 30 L 100 | 33 | 45 | | 28 | 2.5 | 12 | 50 | 12 | 30 | | | F-169978 | 1.54 | 2.06 |
| 32 | A, B | | 97.02 | 96.26 | 32 L 100 | 33 | 48 | | 28 | 2.5 | 15 | 50 | 16 | 30 | | | F-1610584 | 1.75 | 2.29 |
| 34 | A, B | | 103.08 | 102.32 | 34 L 100 | 33 | 48 | | 28 | 2.5 | 15 | 56 | 16 | 32 | | | F-1611290 | 1.98 | 2.67 |
| 36 | A, B | | 109.15 | 108.39 | 36 L 100 | 33 | 48 | | 28 | 2.5 | 15 | 56 | 16 | 32 | | | F-1611590 | 2.24 | 2.93 |
| 38 | A, B | | 115.21 | 114.45 | 38 L 100 | 33 | 48 | | 28 | 2.5 | 15 | 60 | 16 | 34 | | | F-16126100 | 2.50 | 3.05 |
| 40 | A, B | | 121.28 | 120.51 | 40 L 100 | 33 | 48 | | 28 | 2.5 | 15 | 60 | 16 | 34 | | | F-16126100 | 2.79 | 3.58 |
| 42 | A, B | | 127.34 | 126.58 | 42 L 100 | 33 | 48 | | 28 | 2.5 | 15 | 60 | 16 | 34 | | | F-16131101 | 3.09 | 3.88 |
| 44 | A, B | | 133.40 | 132.64 | 44 L 100 | 33 | 53 | | 28 | 2.5 | 20 | 65 | 16 | 38 | | | F-16138125 | 3.40 | 4.46 |
| 46 | W | ね ず み 鋳 鉄 | 139.47 | 138.71 | 46 L 100 | 33 | | 53 | | | 20 | 65 | 16 | 38 | 118 | 11 | | | 2.69 |
| 48 | W | | 145.53 | 144.77 | 48 L 100 | 33 | | 53 | | | 20 | 65 | 16 | 38 | 124 | 11 | | | 2.82 |
| 50 | W | | 151.60 | 150.83 | 50 L 100 | 33 | | 53 | | | 20 | 65 | 16 | 38 | 130 | 11 | | | 2.96 |
| 60 | W | | 181.91 | 181.15 | 60 L 100 | 33 | | 53 | | | 20 | 65 | 16 | 38 | 160 | 11 | | | 3.73 |
| 72 | W | | 218.30 | 217.53 | 72 L 100 | 33 | | 53 | | | 20 | 65 | 16 | 38 | 197 | 11 | | | 4.77 |
| (84) | W | | 254.68 | 253.92 | 84 L 100 | 33 | | 53 | | | 20 | 65 | 16 | 38 | 233 | 11 | | | 6.01 |

● () 内の歯数は非在庫品です。

●軸穴寸法はdminに追加工仕上げができる寸法になっています。

●標準プーリ(A、B)にはフランジがセットになっています。

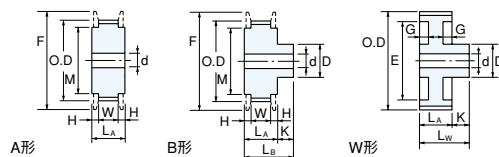


表29 H 標準プーリ寸法表

●ベルト幅-100(25.4mm)用

(単位: mm)

| 歯数 | 形状 | 材質 | P.D. | O.D. | 呼び番号 | L _A | L _B | L _W | W | H | K | D | d | | E | G | フランジ(材質SPCC) | プーリ | |
|-------|------|------|--------|--------|-----------|----------------|----------------|----------------|----|-----|----|-----|-----|-----|-----|----|--------------|----------|-------|
| | | | | | | | | | | | | | min | max | | | 品番 | 概算質量(kg) | |
| 14 | A, B | 鋼 | 56.60 | 55.22 | 14 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 38 | 14 | 26 | | | F-166141 | 0.51 | 0.63 |
| 15 | A, B | | 60.64 | 59.27 | 15 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 46 | 16 | 30 | | | F-166550 | 0.59 | 0.76 |
| 16 | A, B | | 64.68 | 63.31 | 16 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 46 | 16 | 30 | | | F-166950 | 0.68 | 0.85 |
| 18 | A, B | | 72.77 | 71.39 | 18 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 54 | 16 | 36 | | | F-167858 | 0.89 | 1.14 |
| 19 | A, B | | 76.81 | 75.44 | 19 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 55 | 16 | 36 | | | F-168363 | 1.01 | 1.26 |
| 20 | A, B | | 80.85 | 79.48 | 20 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 56 | 16 | 38 | | | F-168666 | 1.13 | 1.40 |
| 21 | A, B | | 84.89 | 83.52 | 21 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 58 | 16 | 38 | | | F-169073 | 1.26 | 1.54 |
| 22 | A, B | | 88.94 | 87.56 | 22 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 58 | 16 | 38 | | | F-169375 | 1.39 | 1.68 |
| 24 | A, B | | 97.02 | 95.65 | 24 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 62 | 20 | 38 | | | F-1610584 | 1.65 | 1.97 |
| 25 | A, B | | 101.06 | 99.69 | 25 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 66 | 20 | 40 | | | F-1610884 | 1.81 | 2.17 |
| 26 | A, B | | 105.11 | 103.73 | 26 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 70 | 20 | 40 | | | F-1611290 | 1.97 | 2.38 |
| 28 | A, B | | 113.19 | 111.82 | 28 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 74 | 20 | 42 | | | F-1611890 | 2.31 | 2.73 |
| 30 | A, B | | 121.28 | 119.90 | 30 H 100 | 33 | 48 | | 28 | 2.5 | 15 | 74 | 20 | 42 | | | F-16126100 | 2.68 | 3.10 |
| 32 | A, B | | 129.36 | 127.99 | 32 H 100 | 33 | 53 | | 28 | 2.5 | 20 | 78 | 20 | 45 | | | F-16136118 | 3.08 | 3.77 |
| 34 | A, B | | 137.45 | 136.07 | 34 H 100 | 33 | 53 | | 28 | 2.5 | 20 | 82 | 20 | 45 | | | F-16146128 | 3.50 | 4.24 |
| 36 | A, B | | 145.53 | 144.16 | 36 H 100 | 33 | 53 | | 28 | 2.5 | 20 | 82 | 20 | 48 | | | F-16152134 | 3.95 | 4.72 |
| 38 | A, B | | 153.62 | 152.24 | 38 H 100 | 33 | 53 | | 28 | 2.5 | 20 | 88 | 20 | 52 | | | F-16159141 | 4.46 | 5.37 |
| 40 | A, B | | 161.70 | 160.33 | 40 H 100 | 33 | 53 | | 28 | 2.5 | 20 | 88 | 20 | 52 | | | F-16168150 | 4.92 | 5.82 |
| 42 | W | ねずみ鉄 | 169.79 | 168.41 | 42 H 100 | 33 | | 53 | | | 20 | 88 | 20 | 52 | 146 | 11 | | | 4.17 |
| 44 | W | | 177.87 | 176.50 | 44 H 100 | 33 | | 53 | | | 20 | 88 | 20 | 52 | 154 | 11 | | | 4.39 |
| 46 | W | | 185.96 | 184.58 | 46 H 100 | 33 | | 53 | | | 20 | 88 | 20 | 52 | 162 | 11 | | | 4.66 |
| 48 | W | | 194.04 | 192.67 | 48 H 100 | 33 | | 53 | | | 20 | 88 | 20 | 52 | 171 | 11 | | | 4.79 |
| 50 | W | | 202.13 | 200.75 | 50 H 100 | 33 | | 53 | | | 20 | 88 | 25 | 52 | 179 | 11 | | | 4.96 |
| 60 | W | | 242.55 | 241.18 | 60 H 100 | 33 | | 53 | | | 20 | 88 | 25 | 52 | 219 | 11 | | | 6.27 |
| 72 | W | | 291.06 | 289.69 | 72 H 100 | 33 | | 58 | | | 25 | 88 | 25 | 52 | 265 | | | | 6.46 |
| (84) | W | | 339.57 | 338.20 | 84 H 100 | 33 | | 58 | | | 25 | 88 | 25 | 52 | 314 | | | | 7.31 |
| (96) | W | | 388.08 | 386.71 | 96 H 100 | 33 | | 63 | | | 30 | 100 | 30 | 64 | 362 | | | | 9.68 |
| (120) | W | | 485.10 | 483.73 | 120 H 100 | 33 | | 63 | | | 30 | 100 | 30 | 64 | 460 | | | | 11.56 |

●ベルト幅-150(38.1mm)用

| | | | | | | | | | | | | | | | | | | | |
|-------|------|------|--------|--------|-----------|----|----|----|----|-----|----|-----|----|----|-----|------|------------|------|-------|
| 14 | A, B | 鋼 | 56.60 | 55.22 | 14 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 38 | 14 | 26 | | | F-166141 | 0.70 | 0.81 |
| 15 | A, B | | 60.64 | 59.27 | 15 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 46 | 16 | 30 | | | F-166550 | 0.80 | 0.97 |
| 16 | A, B | | 64.68 | 63.31 | 16 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 46 | 16 | 30 | | | F-166950 | 0.93 | 1.10 |
| 18 | A, B | | 72.77 | 71.39 | 18 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 54 | 16 | 36 | | | F-167858 | 1.22 | 1.46 |
| 19 | A, B | | 76.81 | 75.44 | 19 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 55 | 16 | 36 | | | F-168363 | 1.28 | 1.63 |
| 20 | A, B | | 80.85 | 79.48 | 20 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 56 | 16 | 38 | | | F-168666 | 1.54 | 1.81 |
| 21 | A, B | | 84.89 | 83.52 | 21 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 58 | 16 | 38 | | | F-169073 | 1.72 | 2.00 |
| 22 | A, B | | 88.94 | 87.56 | 22 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 58 | 16 | 38 | | | F-169375 | 1.90 | 2.19 |
| 24 | A, B | | 97.02 | 95.65 | 24 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 62 | 20 | 38 | | | F-1610584 | 2.26 | 2.57 |
| 25 | A, B | | 101.06 | 99.69 | 25 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 66 | 20 | 40 | | | F-1610884 | 2.47 | 2.83 |
| 26 | A, B | | 105.11 | 103.73 | 26 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 70 | 20 | 40 | | | F-1611290 | 2.69 | 3.10 |
| 28 | A, B | | 113.19 | 111.82 | 28 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 74 | 20 | 42 | | | F-1611890 | 3.15 | 3.62 |
| 30 | A, B | | 121.28 | 119.90 | 30 H 150 | 45 | 60 | | 40 | 2.5 | 15 | 74 | 20 | 42 | | | F-16126100 | 3.66 | 4.12 |
| 32 | A, B | | 129.36 | 127.99 | 32 H 150 | 45 | 65 | | 40 | 2.5 | 20 | 78 | 20 | 45 | | | F-16136118 | 4.20 | 4.89 |
| 34 | A, B | | 137.45 | 136.07 | 34 H 150 | 45 | 65 | | 40 | 2.5 | 20 | 82 | 20 | 45 | | | F-16146128 | 4.77 | 5.55 |
| 36 | A, B | | 145.53 | 144.16 | 36 H 150 | 45 | 65 | | 40 | 2.5 | 20 | 82 | 20 | 48 | | | F-16152134 | 5.38 | 6.16 |
| 38 | A, B | | 153.62 | 152.24 | 38 H 150 | 45 | 65 | | 40 | 2.5 | 20 | 88 | 20 | 52 | | | F-16159141 | 6.13 | 7.04 |
| 40 | A, B | | 161.70 | 160.33 | 40 H 150 | 45 | 65 | | 40 | 2.5 | 20 | 88 | 20 | 52 | | | F-16168150 | 6.71 | 7.61 |
| 42 | W | ねずみ鉄 | 169.79 | 168.41 | 42 H 150 | 45 | | 65 | | | 20 | 88 | 20 | 52 | 144 | 14.5 | | | 5.56 |
| 44 | W | | 177.87 | 176.50 | 44 H 150 | 45 | | 65 | | | 20 | 88 | 20 | 52 | 152 | 14.5 | | | 5.87 |
| 46 | W | | 185.96 | 184.58 | 46 H 150 | 45 | | 65 | | | 20 | 88 | 20 | 52 | 162 | 14.5 | | | 6.15 |
| 48 | W | | 194.04 | 192.67 | 48 H 150 | 45 | | 65 | | | 20 | 88 | 20 | 52 | 168 | 14.5 | | | 6.52 |
| 50 | W | | 202.13 | 200.75 | 50 H 150 | 45 | | 65 | | | 20 | 88 | 25 | 52 | 176 | 14.5 | | | 6.79 |
| 60 | W | | 242.55 | 241.18 | 60 H 150 | 45 | | 65 | | | 20 | 88 | 25 | 52 | 216 | 14.5 | | | 8.70 |
| 72 | W | | 291.06 | 289.69 | 72 H 150 | 45 | | 70 | | | 25 | 88 | 25 | 52 | 265 | | | | 7.76 |
| (84) | W | | 339.57 | 338.20 | 84 H 150 | 45 | | 70 | | | 25 | 88 | 25 | 52 | 314 | | | | 8.73 |
| (96) | W | | 388.08 | 386.71 | 96 H 150 | 45 | | 75 | | | 30 | 100 | 30 | 64 | 362 | | | | 11.14 |
| (120) | W | | 485.10 | 483.73 | 120 H 150 | 45 | | 75 | | | 30 | 100 | 30 | 64 | 460 | | | | 13.51 |

● () 内の歯数は非在庫品です。

プーリの呼称

(例) **30 H 100 A**
 プーリ歯数 ———— プーリ形状(A形)
 プーリ歯形 ———— プーリ呼称幅(使用ベルト幅inch×100)

フランジ呼称

(例) **F-16 126 100**
 フランジ記号 ———— フランジ内径(mm)
 フランジ厚み×10(mm) ———— フランジ外径(mm)

●フランジは取付けていませんので、ご使用の際は106～108ページを参照して必ず取付けてください。軸穴加工の際は外径を基準に加工してください。

表28 L 標準プーリ寸法表

●ベルト幅-200(50.8mm)用

(単位: mm)

| 歯 数 | 形 状 | 材質 | P. D. | O. D. | 呼 び 番 号 | L _A | L _B | L _W | W | H | K | D | d | | E | G | フランジ(材質SPCC) | プーリ | |
|-------|------|-----------|--------|--------|-----------|----------------|----------------|----------------|----|-----|----|-----|-----|-----|-----|------|--------------|----------|-------|
| | | | | | | | | | | | | | min | max | | | 品番 | 概算質量(kg) | |
| 14 | A, B | 銅 | 56.60 | 55.22 | 14 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 38 | 16 | 26 | | | F-166141 | 0.89 | 1.00 |
| 15 | A, B | | 60.64 | 59.27 | 15 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 46 | 16 | 30 | | | F-166550 | 1.05 | 1.22 |
| 16 | A, B | | 64.68 | 63.31 | 16 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 46 | 16 | 30 | | | F-166950 | 1.22 | 1.39 |
| 18 | A, B | | 72.77 | 71.39 | 18 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 54 | 16 | 36 | | | F-167858 | 1.60 | 1.84 |
| 19 | A, B | | 76.81 | 75.44 | 19 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 55 | 16 | 36 | | | F-168363 | 1.80 | 2.06 |
| 20 | A, B | | 80.85 | 79.48 | 20 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 60 | 20 | 40 | | | F-168666 | 1.97 | 2.26 |
| 21 | A, B | | 84.89 | 83.52 | 21 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 65 | 20 | 42 | | | F-169073 | 2.20 | 2.55 |
| 22 | A, B | | 88.94 | 87.56 | 22 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 70 | 20 | 46 | | | F-169375 | 2.44 | 2.85 |
| 24 | A, B | | 97.02 | 95.65 | 24 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 74 | 20 | 48 | | | F-1610584 | 2.96 | 3.42 |
| 25 | A, B | | 101.06 | 99.69 | 25 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 74 | 25 | 50 | | | F-1610884 | 3.15 | 3.60 |
| 26 | A, B | | 105.11 | 103.73 | 26 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 78 | 25 | 50 | | | F-1611290 | 3.44 | 3.94 |
| 28 | A, B | | 113.19 | 111.82 | 28 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 78 | 25 | 52 | | | F-1611890 | 4.05 | 4.56 |
| 30 | A, B | | 121.28 | 119.90 | 30 H 200 | 59 | 74 | | 54 | 2.5 | 15 | 86 | 25 | 54 | | | F-16126100 | 4.71 | 5.34 |
| 32 | A, B | | 129.36 | 127.99 | 32 H 200 | 59 | 79 | | 54 | 2.5 | 20 | 92 | 25 | 54 | | | F-16136118 | 5.42 | 6.38 |
| 34 | A, B | | 137.45 | 136.07 | 34 H 200 | 59 | 79 | | 54 | 2.5 | 20 | 98 | 25 | 56 | | | F-16146128 | 6.17 | 7.27 |
| 36 | A, B | | 145.53 | 144.16 | 36 H 200 | 59 | 79 | | 54 | 2.5 | 20 | 98 | 25 | 58 | | | F-16152134 | 6.98 | 8.08 |
| 38 | A, B | | 153.62 | 152.24 | 38 H 200 | 59 | 79 | | 54 | 2.5 | 20 | 104 | 30 | 65 | | | F-16159141 | 7.31 | 9.04 |
| 40 | A, B | | 161.70 | 160.33 | 40 H 200 | 59 | 79 | | 54 | 2.5 | 20 | 104 | 30 | 65 | | | F-16168150 | 8.62 | 9.84 |
| 42 | W | ねずみ 鋳鉄 | 169.79 | 168.41 | 42 H 200 | 59 | | 84 | | | 25 | 104 | 30 | 65 | 144 | 19.5 | | | 8.04 |
| 44 | W | | 177.87 | 176.50 | 44 H 200 | 59 | | 84 | | | 25 | 104 | 30 | 65 | 152 | 19.5 | | | 8.43 |
| 46 | W | | 185.96 | 184.58 | 46 H 200 | 59 | | 84 | | | 25 | 104 | 30 | 65 | 162 | 19.5 | | | 8.80 |
| 48 | W | | 194.04 | 192.67 | 48 H 200 | 59 | | 84 | | | 25 | 104 | 30 | 65 | 168 | 19.5 | | | 9.26 |
| 50 | W | | 202.13 | 200.75 | 50 H 200 | 59 | | 84 | | | 25 | 104 | 30 | 65 | 176 | 19.5 | | | 9.70 |
| 60 | W | | 242.55 | 241.18 | 60 H 200 | 59 | | 84 | | | 25 | 104 | 30 | 65 | 216 | 19.5 | | | 11.21 |
| 72 | W | | 291.06 | 289.69 | 72 H 200 | 59 | | 89 | | | 30 | 104 | 30 | 65 | 265 | | | | 11.05 |
| (84) | W | | 339.57 | 338.20 | 84 H 200 | 59 | | 89 | | | 30 | 110 | 30 | 70 | 314 | | | | 13.74 |
| (96) | W | | 388.08 | 386.71 | 96 H 200 | 59 | | 89 | | | 30 | 115 | 30 | 75 | 362 | | | | 15.95 |
| (120) | W | | 485.10 | 483.73 | 120 H 200 | 59 | | 89 | | | 30 | 130 | 30 | 80 | 460 | | | | 21.71 |

●ベルト幅-300(76.2mm)用

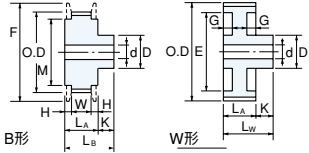
(単位: mm)

| 歯 数 | 形 状 | 材質 | P. D. | O. D. | 呼 び 番 号 | L _A | L _B | L _W | W | H | K | D | d | | E | G | フランジ(材質SPCC) | プーリ | |
|-------|------|-----------|--------|--------|-----------|----------------|----------------|----------------|----|-----|----|-----|-----|-----|-----|------|--------------|----------|-------|
| | | | | | | | | | | | | | min | max | | | 品番 | 概算質量(kg) | |
| 16 | A, B | 銅 | 64.68 | 63.31 | 16 H 300 | 85 | 100 | | 80 | 2.5 | 15 | 46 | 16 | 30 | | | F-166950 | 1.76 | 1.93 |
| 18 | A, B | | 72.77 | 71.39 | 18 H 300 | 85 | 100 | | 80 | 2.5 | 15 | 54 | 16 | 36 | | | F-167858 | 2.30 | 2.55 |
| 19 | A, B | | 76.81 | 75.44 | 19 H 300 | 85 | 100 | | 80 | 2.5 | 15 | 55 | 16 | 36 | | | F-168363 | 2.60 | 2.85 |
| 20 | A, B | | 80.85 | 79.48 | 20 H 300 | 85 | 100 | | 80 | 2.5 | 15 | 60 | 20 | 40 | | | F-168666 | 2.84 | 3.13 |
| 21 | A, B | | 84.89 | 83.52 | 21 H 300 | 85 | 100 | | 80 | 2.5 | 15 | 65 | 20 | 42 | | | F-169073 | 3.17 | 3.52 |
| 22 | A, B | | 88.94 | 87.56 | 22 H 300 | 85 | 100 | | 80 | 2.5 | 15 | 70 | 20 | 46 | | | F-169375 | 3.52 | 3.93 |
| 24 | A, B | | 97.02 | 95.65 | 24 H 300 | 85 | 100 | | 80 | 2.5 | 15 | 74 | 20 | 48 | | | F-1610584 | 4.26 | 4.73 |
| 25 | A, B | | 101.06 | 99.69 | 25 H 300 | 85 | 100 | | 80 | 2.5 | 15 | 74 | 25 | 50 | | | F-1610884 | 4.54 | 4.99 |
| 26 | A, B | | 105.11 | 103.73 | 26 H 300 | 85 | 100 | | 80 | 2.5 | 15 | 78 | 25 | 50 | | | F-1611290 | 4.96 | 5.46 |
| 28 | A, B | | 113.19 | 111.82 | 28 H 300 | 85 | 100 | | 80 | 2.5 | 15 | 78 | 25 | 52 | | | F-1611890 | 5.84 | 6.34 |
| 30 | A, B | | 121.28 | 119.90 | 30 H 300 | 85 | 100 | | 80 | 2.5 | 15 | 86 | 25 | 54 | | | F-16126100 | 6.79 | 7.41 |
| 32 | A, B | | 129.36 | 127.99 | 32 H 300 | 85 | 105 | | 80 | 2.5 | 20 | 92 | 25 | 54 | | | F-16136118 | 7.81 | 8.77 |
| 34 | A, B | 材 | 137.45 | 136.07 | 34 H 300 | 85 | 105 | | 80 | 2.5 | 20 | 98 | 25 | 56 | | | F-16146128 | 8.90 | 10.00 |
| 36 | A, B | | 145.53 | 144.16 | 36 H 300 | 85 | 105 | | 80 | 2.5 | 20 | 98 | 25 | 58 | | | F-16152134 | 11.01 | 11.15 |
| 38 | A, B | | 153.62 | 152.24 | 38 H 300 | 85 | 105 | | 80 | 2.5 | 20 | 104 | 30 | 65 | | | F-16159141 | 11.25 | 12.48 |
| 40 | A, B | | 161.70 | 160.33 | 40 H 300 | 85 | 105 | | 80 | 2.5 | 20 | 104 | 30 | 65 | | | F-16168150 | 12.42 | 13.63 |
| 42 | W | | 169.79 | 168.41 | 42 H 300 | 85 | | 110 | | | 25 | 104 | 30 | 65 | 140 | 27.5 | | | 11.46 |
| 44 | W | | 177.87 | 176.50 | 44 H 300 | 85 | | 110 | | | 25 | 104 | 30 | 65 | 148 | 27.5 | | | 12.07 |
| 46 | W | | 185.96 | 184.58 | 46 H 300 | 85 | | 110 | | | 25 | 104 | 30 | 65 | 162 | 27.5 | | | 12.67 |
| 48 | W | | 194.04 | 192.67 | 48 H 300 | 85 | | 110 | | | 25 | 104 | 30 | 65 | 164 | 27.5 | | | 13.25 |
| 50 | W | | 202.13 | 200.75 | 50 H 300 | 85 | | 110 | | | 25 | 104 | 30 | 65 | 172 | 27.5 | | | 13.92 |
| 60 | W | | 242.55 | 241.18 | 60 H 300 | 85 | | 110 | | | 25 | 104 | 30 | 65 | 213 | 27.5 | | | 17.49 |
| 72 | W | ねずみ 鋳鉄 | 291.06 | 289.69 | 72 H 300 | 85 | | 115 | | | 30 | 104 | 30 | 65 | 265 | | | | 14.28 |
| (84) | W | | 339.57 | 338.20 | 84 H 300 | 85 | | 115 | | | 30 | 110 | 30 | 70 | 314 | | | | 17.42 |
| (96) | W | | 388.08 | 386.71 | 96 H 300 | 85 | | 115 | | | 30 | 115 | 30 | 75 | 362 | | | | 20.15 |
| (120) | W | | 485.10 | 483.73 | 120 H 300 | 85 | | 115 | | | 30 | 130 | 30 | 80 | 460 | | | | 26.94 |

- () 内の歯数は非在庫品です。
- 軸穴寸法はd minに追加加工仕上がりができる寸法になっています。
- 標準プーリ(A, B)はフランジがセットになっています。

XH

標準プーリ寸法



● フランジは取付けていませんので、ご使用の際は107～108ページを参照して必ず取付けてください。軸穴加工の際は外径を基準に加工してください。

表30 XH 標準プーリ寸法表

●ベルト幅-200(50.8mm)用

(単位: mm)

| 歯数 | 形状 | 材質 | P.D. | O.D. | 呼称 | L _A | L _B | L _W | W | H | K | D | d | | E | G | フランジ(材質SS41) | | プーリ 概算質量(kg) |
|-------|----|-----------------------|--------|--------|----------|----------------|----------------|----------------|----|---|----|-----|-----|-----|-----|----|--------------|-----|-----------------|
| | | | | | | | | | | | | | min | max | | | 外径F | 内径M | |
| 18 | B | 鋼 | 127.34 | 124.55 | 18XH200 | 67 | 92 | | 57 | 5 | 25 | 80 | 25 | 52 | | | 141 | 80 | 7.99 |
| 20 | B | | 141.49 | 138.69 | 20XH200 | 67 | 92 | | 57 | 5 | 25 | 90 | 25 | 54 | | | 155 | 94 | 10.13 |
| 22 | B | | 155.64 | 152.84 | 22XH200 | 67 | 92 | | 57 | 5 | 25 | 100 | 25 | 64 | | | 169 | 108 | 12.52 |
| 24 | B | | 169.79 | 166.99 | 24XH200 | 67 | 92 | | 57 | 5 | 25 | 115 | 30 | 72 | | | 183 | 122 | 15.48 |
| 26 | B | | 183.94 | 181.14 | 26XH200 | 67 | 92 | | 57 | 5 | 25 | 115 | 30 | 72 | | | 197 | 136 | 17.42 |
| 28 | B | | 198.08 | 195.29 | 28XH200 | 67 | 92 | | 57 | 5 | 25 | 115 | 30 | 72 | | | 211 | 150 | 19.52 |
| 30 | B | 材 | 212.23 | 209.44 | 30XH200 | 67 | 92 | | 57 | 5 | 25 | 115 | 30 | 72 | | | 226 | 164 | 21.80 |
| (32) | W | | 226.38 | 223.59 | 32XH200 | 67 | | 92 | | | 25 | 120 | 30 | 75 | 173 | 21 | | | 15.70 |
| (40) | W | | 282.98 | 280.18 | 40XH200 | 67 | | 97 | | | 30 | 120 | 30 | 75 | 230 | 21 | | | 21.14 |
| (48) | W | | 339.57 | 336.78 | 48XH200 | 67 | | 97 | | | 30 | 130 | 30 | 80 | 286 | 21 | | | 28.23 |
| (60) | W | | 424.47 | 421.67 | 60XH200 | 67 | | 97 | | | 30 | 135 | 35 | 85 | 371 | 21 | | | 39.28 |
| (72) | W | | 509.36 | 506.57 | 72XH200 | 67 | | 97 | | | 30 | 145 | 35 | 95 | 456 | 21 | | | 53.14 |
| (84) | W | ね ず み 鋳 鉄 | 594.25 | 591.46 | 84XH200 | 67 | | 97 | | | 30 | 150 | 40 | 100 | 541 | 21 | | | 68.29 |
| (96) | W | | 679.15 | 676.35 | 96XH200 | 67 | | 97 | | | 30 | 155 | 40 | 105 | 626 | 21 | | | 85.68 |
| (120) | W | | 848.93 | 846.14 | 120XH200 | 67 | | 97 | | | 30 | 170 | 40 | 115 | 796 | 21 | | | 128.01 |

● () 内の歯数は非在庫品です。

●ベルト幅-300(76.2mm)用 (非在庫)

(単位: mm)

| | | | | | | | | | | | | | | | | | | | |
|-----|---|-----------------------|--------|--------|----------|----|-----|-----|----|---|----|-----|----|-----|-----|----|-----|-----|--------|
| 18 | B | 鋼 | 127.34 | 124.55 | 18XH300 | 94 | 119 | | 84 | 5 | 25 | 80 | 25 | 52 | | | 141 | 80 | 10.89 |
| 20 | B | | 141.49 | 138.69 | 20XH300 | 94 | 119 | | 84 | 5 | 25 | 90 | 25 | 54 | | | 155 | 94 | 13.80 |
| 22 | B | | 155.64 | 152.84 | 22XH300 | 94 | 119 | | 84 | 5 | 25 | 100 | 25 | 64 | | | 169 | 108 | 17.06 |
| 24 | B | | 169.79 | 166.99 | 24XH300 | 94 | 119 | | 84 | 5 | 25 | 115 | 30 | 72 | | | 183 | 122 | 21.04 |
| 26 | B | | 183.94 | 181.14 | 26XH300 | 94 | 119 | | 84 | 5 | 25 | 115 | 30 | 72 | | | 197 | 136 | 23.76 |
| 28 | B | | 198.08 | 195.29 | 28XH300 | 94 | 119 | | 84 | 5 | 25 | 115 | 30 | 72 | | | 211 | 150 | 26.72 |
| 30 | B | 材 | 212.23 | 209.44 | 30XH300 | 94 | 119 | | 84 | 5 | 25 | 115 | 30 | 72 | | | 226 | 164 | 29.90 |
| 32 | W | | 226.38 | 223.59 | 32XH300 | 94 | | 119 | | | 25 | 120 | 30 | 75 | 173 | 30 | | | 21.16 |
| 40 | W | | 282.98 | 280.18 | 40XH300 | 94 | | 124 | | | 30 | 120 | 30 | 75 | 230 | 30 | | | 28.50 |
| 48 | W | | 339.57 | 336.78 | 48XH300 | 94 | | 124 | | | 30 | 130 | 30 | 80 | 286 | 30 | | | 38.11 |
| 60 | W | | 424.47 | 421.67 | 60XH300 | 94 | | 124 | | | 30 | 135 | 35 | 85 | 371 | 30 | | | 53.22 |
| 72 | W | | 509.36 | 506.57 | 72XH300 | 94 | | 124 | | | 30 | 145 | 35 | 95 | 456 | 30 | | | 72.06 |
| 84 | W | ね ず み 鋳 鉄 | 594.25 | 591.46 | 84XH300 | 94 | | 124 | | | 30 | 150 | 40 | 100 | 541 | 30 | | | 92.73 |
| 96 | W | | 679.15 | 676.35 | 96XH300 | 94 | | 124 | | | 30 | 155 | 40 | 105 | 626 | 30 | | | 116.44 |
| 120 | W | | 848.93 | 846.14 | 120XH300 | 94 | | 124 | | | 30 | 170 | 40 | 115 | 796 | 30 | | | 173.94 |

●ベルト幅-400(101.6mm)用 (非在庫)

(単位: mm)

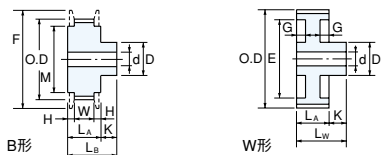
| | | | | | | | | | | | | | | | | | | | |
|-----|---|-----------------------|--------|--------|----------|-----|-----|-----|-----|---|----|-----|----|-----|-----|----|-----|-----|--------|
| 18 | B | 鋼 | 127.34 | 124.55 | 18XH400 | 121 | 146 | | 111 | 5 | 25 | 80 | 25 | 52 | | | 141 | 80 | 13.86 |
| 20 | B | | 141.49 | 138.69 | 20XH400 | 121 | 146 | | 111 | 5 | 25 | 90 | 25 | 54 | | | 155 | 94 | 17.57 |
| 22 | B | | 155.64 | 152.84 | 22XH400 | 121 | 146 | | 111 | 5 | 25 | 100 | 25 | 64 | | | 169 | 108 | 21.71 |
| 24 | B | | 169.79 | 166.99 | 24XH400 | 121 | 146 | | 111 | 5 | 25 | 115 | 30 | 72 | | | 183 | 122 | 26.76 |
| 26 | B | | 183.94 | 181.14 | 26XH400 | 121 | 146 | | 111 | 5 | 25 | 115 | 30 | 72 | | | 197 | 136 | 30.26 |
| 28 | B | | 198.08 | 195.29 | 28XH400 | 121 | 146 | | 111 | 5 | 25 | 115 | 30 | 72 | | | 211 | 150 | 34.07 |
| 30 | B | 材 | 212.23 | 209.44 | 30XH400 | 121 | 146 | | 111 | 5 | 25 | 115 | 30 | 72 | | | 226 | 164 | 38.17 |
| 32 | W | | 226.38 | 223.59 | 32XH400 | 121 | | 146 | | | 25 | 120 | 30 | 75 | 173 | 40 | | | 26.45 |
| 40 | W | | 282.98 | 280.18 | 40XH400 | 121 | | 151 | | | 30 | 120 | 30 | 75 | 230 | 40 | | | 35.42 |
| 48 | W | | 339.57 | 336.78 | 48XH400 | 121 | | 151 | | | 30 | 130 | 30 | 80 | 286 | 40 | | | 47.26 |
| 60 | W | | 424.47 | 421.67 | 60XH400 | 121 | | 151 | | | 30 | 135 | 35 | 85 | 371 | 40 | | | 65.81 |
| 72 | W | | 509.36 | 506.57 | 72XH400 | 121 | | 151 | | | 30 | 145 | 35 | 95 | 456 | 40 | | | 88.87 |
| 84 | W | ね ず み 鋳 鉄 | 594.25 | 591.46 | 84XH400 | 121 | | 151 | | | 30 | 150 | 40 | 100 | 541 | 40 | | | 114.12 |
| 96 | W | | 679.15 | 676.35 | 96XH400 | 121 | | 151 | | | 30 | 155 | 40 | 105 | 626 | 40 | | | 143.04 |
| 120 | W | | 848.93 | 846.14 | 120XH400 | 121 | | 151 | | | 30 | 170 | 40 | 115 | 796 | 40 | | | 213.06 |

●軸寸法はd minに追加加工仕上がりできる寸法になっています。

●XH形標準プーリは非在庫品です。

プーリの呼称

(例) 30 XH 200 B
プーリ歯数 ———— プーリ形状(B形)
プーリ歯形 ———— プーリ呼び幅(使用ベルトinch×100)



● フランジは取付けていませんので、ご使用の際は107
～108ページを参照して必ず取付けてください。軸穴
加工の際は外径を基準に加工してください。

● XXH形標準プーリは非在庫品です。

表31 XXH 標準プーリ寸法表(非在庫)

● ベルト幅-200(50.8mm)用

(単位: mm)

| 歯 数 | 形 状 | 材質 | P. D. | O. D. | 呼 称 | L _A | L _B | L _W | W | H | K | D | d | | E | G | フランジ(材質SS41) | | プーリ 概算質量(kg) |
|-----|-----|---------------|--------|--------|----------|----------------|----------------|----------------|----|---|----|-----|-----|-----|-----|----|--------------|-----|-----------------|
| | | | | | | | | | | | | | min | max | | | 外径F | 内径M | |
| 18 | B | 銅 | 181.91 | 178.87 | 18XXH200 | 67 | 92 | | 57 | 5 | 25 | 120 | 30 | 75 | | | 200 | 128 | 13.40 |
| 20 | B | | 202.13 | 199.08 | 20XXH200 | 67 | 92 | | 57 | 5 | 25 | 140 | 35 | 90 | | | 221 | 149 | 16.98 |
| 22 | B | | 222.34 | 219.29 | 22XXH200 | 67 | 92 | | 57 | 5 | 25 | 160 | 45 | 110 | | | 241 | 169 | 20.76 |
| 24 | B | | 242.55 | 239.50 | 24XXH200 | 67 | 92 | | 57 | 5 | 25 | 160 | 45 | 110 | | | 262 | 190 | 24.39 |
| 26 | B | | 262.77 | 259.72 | 26XXH200 | 67 | 97 | | 57 | 5 | 30 | 160 | 45 | 110 | | | 282 | 210 | 29.09 |
| 30 | B | | 303.19 | 300.14 | 30XXH200 | 67 | 97 | | 57 | 5 | 30 | 170 | 45 | 115 | | | 322 | 250 | 38.64 |
| 34 | W | ね ずみ 鋳鉄 | 343.62 | 340.57 | 34XXH200 | 67 | | 97 | | | 30 | 175 | 45 | 120 | 290 | 22 | | | 45.46 |
| 40 | W | | 404.25 | 401.21 | 40XXH200 | 67 | | 97 | | | 30 | 185 | 50 | 130 | 351 | 22 | | | 62.39 |
| 48 | W | | 485.10 | 482.06 | 48XXH200 | 67 | | 97 | | | 30 | 190 | 50 | 135 | 432 | 22 | | | 51.68 |
| 60 | W | | 606.38 | 603.33 | 60XXH200 | 67 | | 97 | | | 30 | 200 | 55 | 140 | 553 | 22 | | | 42.24 |

● ベルト幅-300(76.2mm)用

(単位: mm)

| | | | | | | | | | | | | | | | | | | | |
|----|---|---------------|--------|--------|----------|----|-----|-----|----|---|----|-----|----|-----|-----|----|-----|-----|-------|
| 18 | B | 銅 | 181.91 | 178.87 | 18XXH300 | 94 | 119 | | 84 | 5 | 25 | 120 | 30 | 75 | | | 200 | 128 | 17.96 |
| 20 | B | | 202.13 | 199.08 | 20XXH300 | 94 | 119 | | 84 | 5 | 25 | 140 | 35 | 90 | | | 221 | 149 | 22.68 |
| 22 | B | | 222.34 | 219.29 | 22XXH300 | 94 | 119 | | 84 | 5 | 25 | 160 | 45 | 110 | | | 241 | 169 | 27.66 |
| 24 | B | | 242.55 | 239.50 | 24XXH300 | 94 | 119 | | 84 | 5 | 25 | 160 | 45 | 110 | | | 262 | 190 | 32.76 |
| 26 | B | | 262.77 | 259.72 | 26XXH300 | 94 | 124 | | 84 | 5 | 30 | 160 | 45 | 110 | | | 282 | 210 | 39.06 |
| 30 | B | | 303.19 | 300.14 | 30XXH300 | 94 | 124 | | 84 | 5 | 30 | 170 | 45 | 115 | | | 322 | 250 | 52.22 |
| 34 | W | ね ずみ 鋳鉄 | 343.62 | 340.57 | 34XXH300 | 94 | | 124 | | | 30 | 175 | 45 | 120 | 290 | 32 | | | 61.82 |
| 40 | W | | 404.25 | 401.21 | 40XXH300 | 94 | | 124 | | | 30 | 185 | 50 | 130 | 351 | 32 | | | 85.35 |
| 48 | W | | 485.10 | 482.06 | 48XXH300 | 94 | | 124 | | | 30 | 190 | 50 | 135 | 432 | 32 | | | 85.29 |
| 60 | W | | 606.38 | 603.33 | 60XXH300 | 94 | | 124 | | | 30 | 200 | 55 | 140 | 553 | 32 | | | 95.49 |

● ベルト幅-400(101.6mm)用

(単位: mm)

| | | | | | | | | | | | | | | | | | | | |
|----|---|---------------|--------|--------|----------|-----|-----|-----|-----|---|----|-----|----|-----|-----|----|-----|-----|--------|
| 18 | B | 銅 | 181.91 | 178.87 | 18XXH400 | 121 | 151 | | 111 | 5 | 30 | 120 | 30 | 75 | | | 200 | 128 | 30.52 |
| 20 | B | | 202.13 | 199.08 | 20XXH400 | 121 | 151 | | 111 | 5 | 30 | 140 | 35 | 90 | | | 221 | 149 | 39.28 |
| 22 | B | | 222.34 | 219.29 | 22XXH400 | 121 | 151 | | 111 | 5 | 30 | 160 | 45 | 110 | | | 241 | 169 | 48.78 |
| 24 | B | | 242.55 | 239.50 | 24XXH400 | 121 | 151 | | 111 | 5 | 30 | 160 | 45 | 110 | | | 262 | 190 | 55.35 |
| 26 | B | | 262.77 | 259.72 | 26XXH400 | 121 | 156 | | 111 | 5 | 35 | 160 | 45 | 110 | | | 282 | 210 | 63.24 |
| 30 | B | | 303.19 | 300.14 | 30XXH400 | 121 | 156 | | 111 | 5 | 35 | 170 | 45 | 115 | | | 322 | 250 | 81.85 |
| 34 | W | ね ずみ 鋳鉄 | 343.62 | 340.57 | 34XXH400 | 121 | | 156 | | | 35 | 175 | 45 | 120 | 290 | 43 | | | 52.99 |
| 40 | W | | 404.25 | 401.21 | 40XXH400 | 121 | | 156 | | | 35 | 185 | 50 | 130 | 351 | 43 | | | 65.95 |
| 48 | W | | 485.10 | 482.06 | 48XXH400 | 121 | | 156 | | | 35 | 190 | 50 | 135 | 432 | 43 | | | 84.11 |
| 60 | W | | 606.38 | 603.33 | 60XXH400 | 121 | | 156 | | | 35 | 200 | 55 | 140 | 553 | 43 | | | 116.72 |
| 72 | W | | 727.66 | 724.61 | 72XXH400 | 121 | | 156 | | | 35 | 210 | 60 | 145 | 675 | 43 | | | 154.66 |
| 90 | W | | 909.57 | 906.52 | 90XXH400 | 121 | | 156 | | | 35 | 220 | 60 | 150 | 857 | 43 | | | 222.47 |

● ベルト幅-500(127.0mm)用

(単位: mm)

| | | | | | | | | | | | | | | | | | | | |
|----|---|---------------|--------|--------|----------|-----|-----|-----|-----|---|----|-----|----|-----|-----|----|-----|-----|--------|
| 18 | B | 銅 | 181.91 | 178.87 | 18XXH500 | 150 | 180 | | 140 | 5 | 30 | 120 | 30 | 75 | | | 200 | 128 | 36.65 |
| 20 | B | | 202.13 | 199.08 | 20XXH500 | 150 | 180 | | 140 | 5 | 30 | 140 | 35 | 90 | | | 221 | 149 | 47.09 |
| 22 | B | | 222.34 | 219.29 | 22XXH500 | 150 | 180 | | 140 | 5 | 30 | 160 | 45 | 110 | | | 241 | 169 | 58.39 |
| 24 | B | | 242.55 | 239.50 | 24XXH500 | 150 | 180 | | 140 | 5 | 30 | 160 | 45 | 110 | | | 262 | 190 | 66.53 |
| 26 | B | | 262.77 | 259.72 | 26XXH500 | 150 | 185 | | 140 | 5 | 35 | 160 | 45 | 110 | | | 282 | 210 | 76.15 |
| 30 | B | | 303.19 | 300.14 | 30XXH500 | 150 | 185 | | 140 | 5 | 35 | 170 | 45 | 115 | | | 322 | 250 | 98.91 |
| 34 | W | ね ずみ 鋳鉄 | 343.62 | 340.57 | 34XXH500 | 150 | | 185 | | | 35 | 175 | 45 | 120 | 290 | 50 | | | 66.32 |
| 40 | W | | 404.25 | 401.21 | 40XXH500 | 150 | | 185 | | | 35 | 185 | 50 | 130 | 351 | 50 | | | 83.57 |
| 48 | W | | 485.10 | 482.06 | 48XXH500 | 150 | | 185 | | | 35 | 190 | 50 | 135 | 432 | 50 | | | 108.30 |
| 60 | W | | 606.38 | 603.33 | 60XXH500 | 150 | | 185 | | | 35 | 200 | 55 | 140 | 553 | 50 | | | 152.87 |
| 72 | W | | 727.66 | 724.61 | 72XXH500 | 150 | | 185 | | | 35 | 210 | 60 | 145 | 675 | 50 | | | 205.18 |
| 90 | W | | 909.57 | 906.52 | 90XXH500 | 150 | | 185 | | | 35 | 220 | 60 | 150 | 857 | 50 | | | 299.31 |

● 軸穴寸法はd minに追加加工仕上がりできる寸法になっています。

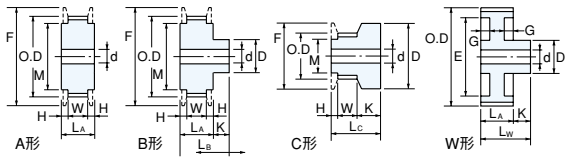
プーリの呼称

(例) 34 XXH 300 W

プーリ歯数 — 34
プーリ形状(W形) — XXH
プーリ呼び幅(使用ベルト幅inch×100) — 300

Timing Pulley ■プーリ編

T5



■プーリ外径公差
外径にかかわらず±0.05mm

●フランジは取付けていませんので、ご使用の際は107～108ページを参照して必ず取付けてください。軸穴加工の際は外径を基準に加工してください。焼結品は黒化処理をしています。焼結品のB形をねじ止めする場合は必ずM4以下の六角穴付止めネジを使用して、タップの位置はできるだけボスの端面から歯面に近い側にしてください。

表32 T5 標準プーリ寸法表

●ベルト幅10mm用

(単位: mm)

| 歯数 | 形状 | 材質 | P. D. | O. D. | 呼称 | L _A | L _B | L _C | L _W | W | H | K | D | d | | E | G | フランジ(材質SPCC) 品番 | プーリ 概算質量(kg) | |
|----|------|-------|-------|-------|-----------|----------------|----------------|----------------|----------------|----|---|----|----|-----|-----|----|---|--------------------|-----------------|------|
| | | | | | | | | | | | | | | min | max | | | | | |
| 12 | C | 焼結合金 | 19.10 | 18.25 | PT5-10-12 | | | 23 | | 11 | 2 | 10 | 23 | 5 | 8 | | | F-102312 | 0.04 | |
| 14 | C | | 22.28 | 21.45 | PT5-10-14 | | | 23 | | 11 | 2 | 10 | 26 | 6 | 10 | | | F-102616 | 0.06 | |
| 15 | C | | 23.87 | 23.05 | PT5-10-15 | | | 23 | | 11 | 2 | 10 | 28 | 6 | 14 | | | F-102818 | 0.07 | |
| 16 | B | | 25.46 | 24.60 | PT5-10-16 | 15 | 23 | | | 11 | 2 | 8 | 16 | 6 | 9 | | | F-102818 | 0.05 | |
| 18 | B | | 28.65 | 27.80 | PT5-10-18 | 15 | 23 | | | 11 | 2 | 8 | 18 | 6 | 10 | | | F-103120 | 0.06 | |
| 20 | B | | 31.83 | 31.00 | PT5-10-20 | 15 | 23 | | | 11 | 2 | 8 | 19 | 6 | 11 | | | F-103522 | 0.08 | |
| 22 | B | | 35.01 | 34.25 | PT5-10-22 | 15 | 23 | | | 11 | 2 | 8 | 25 | 8 | 15 | | | F-104028 | 0.10 | |
| 24 | B | | 38.20 | 37.40 | PT5-10-24 | 15 | 23 | | | 11 | 2 | 8 | 25 | 8 | 15 | | | F-104328 | 0.12 | |
| 25 | B | | 39.79 | 39.00 | PT5-10-25 | 15 | 23 | | | 11 | 2 | 8 | 25 | 8 | 15 | | | F-104328 | 0.13 | |
| 26 | B | | 41.38 | 40.60 | PT5-10-26 | 15 | 23 | | | 11 | 2 | 8 | 30 | 8 | 20 | | | F-104734 | 0.15 | |
| 28 | B | | 44.56 | 43.75 | PT5-10-28 | 15 | 23 | | | 11 | 2 | 8 | 30 | 8 | 20 | | | F-104836 | 0.17 | |
| 30 | B | | 47.75 | 46.95 | PT5-10-30 | 15 | 23 | | | 11 | 2 | 8 | 30 | 8 | 20 | | | F-105136 | 0.19 | |
| 32 | A, B | 鋼材 | 50.93 | 50.10 | PT5-10-32 | 15 | 25 | | | 11 | 2 | 10 | 30 | 10 | 20 | | | F-105441 | 0.21 | 0.25 |
| 36 | A, B | | 57.30 | 56.45 | PT5-10-36 | 15 | 25 | | | 11 | 2 | 10 | 30 | 10 | 20 | | | F-106141 | 0.27 | 0.31 |
| 40 | A, B | | 63.66 | 62.85 | PT5-10-40 | 15 | 25 | | | 11 | 2 | 10 | 35 | 10 | 25 | | | F-106950 | 0.33 | 0.40 |
| 44 | W | ねずみ鋳鉄 | 70.03 | 69.20 | PT5-10-44 | 15 | | | 25 | | | 10 | 35 | 10 | 25 | 57 | 5 | | 0.33 | |
| 48 | W | | 76.39 | 75.55 | PT5-10-48 | 15 | | | 25 | | | 10 | 35 | 10 | 25 | 63 | 5 | | 0.36 | |
| 50 | W | | 79.58 | 78.75 | PT5-10-50 | 15 | | | 25 | | | 10 | 35 | 10 | 25 | 66 | 5 | | 0.38 | |
| 60 | W | | 95.49 | 94.65 | PT5-10-60 | 15 | | | 25 | | | 10 | 35 | 10 | 25 | 82 | 5 | | 0.48 | |

●軸穴寸法はdminに追加工仕上げができる寸法になっています。
●標準プーリ(A、B、C)はフランジがセットになっています。

プーリの呼称

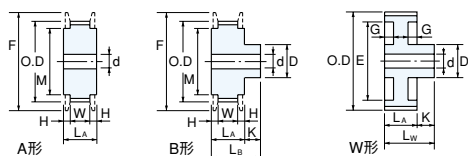
(例) **P T5-10-18 B**

プーリ略号 | プーリ形状(B形) | プーリ歯数 | プーリ呼び幅(ベルト幅10mm用)

フランジ呼称

(例) **F -10 31 20**

フランジ記号 | フランジ厚み×10(mm) | フランジ内径(mm) | フランジ外径(mm)



■プーリ外径公差

外径にかかわらず±0.05mm

●フランジは取付けていませんので、ご使用の際は107～108ページを参照して必ず取付けてください。
軸穴加工の際は外径を基準に加工してください。

表33 T10 標準プーリ寸法表

●ベルト幅-15mm用

(単位: mm)

| 歯数 | 形状 | 材質 | P.D. | O.D. | 呼称 | L _A | L _B | L _W | W | H | K | D | d | | E | G | フランジ(材質SPCC) | プーリ | |
|----|-----|------|--------|--------|------------|----------------|----------------|----------------|----|-----|----|----|-----|-----|-----|---|--------------|----------|------|
| | | | | | | | | | | | | | min | max | | | 品番 | 概算質量(kg) | |
| 12 | A・B | 銅 | 38.20 | 36.35 | PT10-15-12 | 22 | 32 | | 17 | 2.5 | 10 | 25 | 8 | 15 | | | F-104328 | 0.14 | 0.17 |
| 14 | A・B | | 44.56 | 42.70 | PT10-15-14 | 22 | 32 | | 17 | 2.5 | 10 | 30 | 10 | 20 | | | F-104734 | 0.20 | 0.25 |
| 15 | A・B | | 47.75 | 45.90 | PT10-15-15 | 22 | 32 | | 17 | 2.5 | 10 | 33 | 10 | 22 | | | F-165136 | 0.24 | 0.30 |
| 16 | A・B | | 50.93 | 49.05 | PT10-15-16 | 22 | 32 | | 17 | 2.5 | 10 | 35 | 10 | 24 | | | F-165741 | 0.27 | 0.34 |
| 18 | A・B | | 57.30 | 55.45 | PT10-15-18 | 22 | 32 | | 17 | 2.5 | 10 | 37 | 12 | 26 | | | F-166141 | 0.35 | 0.42 |
| 20 | A・B | | 63.66 | 61.80 | PT10-15-20 | 22 | 32 | | 17 | 2.5 | 10 | 40 | 12 | 28 | | | F-166950 | 0.44 | 0.53 |
| 22 | A・B | | 70.03 | 68.15 | PT10-15-22 | 22 | 32 | | 17 | 2.5 | 10 | 40 | 12 | 28 | | | F-167453 | 0.55 | 0.64 |
| 24 | A・B | | 76.39 | 74.55 | PT10-15-24 | 22 | 32 | | 17 | 2.5 | 10 | 40 | 12 | 28 | | | F-168363 | 0.67 | 0.76 |
| 25 | A・B | | 79.58 | 77.70 | PT10-15-25 | 22 | 32 | | 17 | 2.5 | 10 | 40 | 12 | 28 | | | F-168666 | 0.73 | 0.82 |
| 26 | A・B | | 82.76 | 80.90 | PT10-15-26 | 22 | 32 | | 17 | 2.5 | 10 | 45 | 12 | 30 | | | F-168666 | 0.79 | 0.91 |
| 28 | A・B | | 89.13 | 87.25 | PT10-15-28 | 22 | 32 | | 17 | 2.5 | 10 | 45 | 12 | 30 | | | F-169375 | 0.93 | 1.05 |
| 30 | A・B | | 95.49 | 93.65 | PT10-15-30 | 22 | 32 | | 17 | 2.5 | 10 | 45 | 12 | 30 | | | F-169978 | 1.08 | 1.20 |
| 32 | A・B | | 101.86 | 100.00 | PT10-15-32 | 22 | 35 | | 17 | 2.5 | 13 | 50 | 14 | 32 | | | F-1610584 | 1.24 | 1.42 |
| 36 | A・B | | 114.59 | 112.75 | PT10-15-36 | 22 | 35 | | 17 | 2.5 | 13 | 50 | 14 | 32 | | | F-1611890 | 1.59 | 1.77 |
| 40 | A・B | ねずみ鉄 | 127.32 | 125.45 | PT10-15-40 | 22 | 35 | | 17 | 2.5 | 13 | 50 | 14 | 32 | | | F-16131101 | 1.99 | 2.17 |
| 44 | W | | 140.06 | 138.20 | PT10-15-44 | 22 | | 35 | | | 13 | 55 | 16 | 34 | 120 | 8 | | | 1.41 |
| 48 | W | | 152.79 | 150.95 | PT10-15-48 | 22 | | 35 | | | 13 | 55 | 16 | 34 | 132 | 8 | | | 1.58 |
| 50 | W | | 159.15 | 157.30 | PT10-15-50 | 22 | | 35 | | | 13 | 60 | 16 | 35 | 140 | 8 | | | 1.72 |
| 60 | W | | 190.99 | 189.10 | PT10-15-60 | 22 | | 35 | | | 13 | 60 | 16 | 35 | 170 | 8 | | | 2.23 |

●ベルト幅-25mm用

(単位: mm)

| 歯数 | 形状 | 材質 | P.D. | O.D. | 呼称 | L _A | L _B | L _W | W | H | K | D | d | | E | G | フランジ(材質SPCC) | プーリ | |
|----|-----|------|--------|--------|------------|----------------|----------------|----------------|----|-----|----|----|-----|-----|-----|----|--------------|----------|------|
| | | | | | | | | | | | | | min | max | | | 品番 | 概算質量(kg) | |
| 12 | A・B | 銅 | 38.20 | 36.35 | PT10-25-12 | 32 | 45 | | 27 | 2.5 | 13 | 25 | 8 | 15 | | | F-104328 | 0.20 | 0.25 |
| 14 | A・B | | 44.56 | 42.70 | PT10-25-14 | 32 | 45 | | 27 | 2.5 | 13 | 30 | 10 | 20 | | | F-104734 | 0.29 | 0.35 |
| 15 | A・B | | 47.75 | 45.90 | PT10-25-15 | 32 | 45 | | 27 | 2.5 | 13 | 33 | 10 | 22 | | | F-165136 | 0.34 | 0.42 |
| 16 | A・B | | 50.93 | 49.05 | PT10-25-16 | 32 | 45 | | 27 | 2.5 | 13 | 35 | 10 | 24 | | | F-165741 | 0.39 | 0.48 |
| 18 | A・B | | 57.30 | 55.45 | PT10-25-18 | 32 | 45 | | 27 | 2.5 | 13 | 37 | 12 | 26 | | | F-166141 | 0.51 | 0.60 |
| 20 | A・B | | 63.66 | 61.80 | PT10-25-20 | 32 | 45 | | 27 | 2.5 | 13 | 40 | 12 | 28 | | | F-166950 | 0.65 | 0.76 |
| 22 | A・B | | 70.03 | 68.15 | PT10-25-22 | 32 | 45 | | 27 | 2.5 | 13 | 40 | 12 | 28 | | | F-167453 | 0.80 | 0.92 |
| 24 | A・B | | 76.39 | 74.55 | PT10-25-24 | 32 | 45 | | 27 | 2.5 | 13 | 40 | 12 | 28 | | | F-168363 | 0.97 | 1.09 |
| 25 | A・B | | 79.58 | 77.70 | PT10-25-25 | 32 | 45 | | 27 | 2.5 | 13 | 40 | 12 | 28 | | | F-168666 | 1.06 | 1.18 |
| 26 | A・B | | 82.76 | 80.90 | PT10-25-26 | 32 | 45 | | 27 | 2.5 | 13 | 45 | 12 | 30 | | | F-168666 | 1.16 | 1.31 |
| 28 | A・B | | 89.13 | 87.25 | PT10-25-28 | 32 | 45 | | 27 | 2.5 | 13 | 45 | 12 | 30 | | | F-169375 | 1.36 | 1.51 |
| 30 | A・B | | 95.49 | 93.65 | PT10-25-30 | 32 | 45 | | 27 | 2.5 | 13 | 45 | 12 | 30 | | | F-169978 | 1.58 | 1.73 |
| 32 | A・B | | 101.86 | 100.00 | PT10-25-32 | 32 | 45 | | 27 | 2.5 | 13 | 50 | 14 | 32 | | | F-1610584 | 1.80 | 1.98 |
| 36 | A・B | | 114.59 | 112.75 | PT10-25-36 | 32 | 45 | | 27 | 2.5 | 13 | 50 | 14 | 32 | | | F-1611890 | 2.31 | 2.50 |
| 40 | A・B | ねずみ鉄 | 127.32 | 125.45 | PT10-25-40 | 32 | 45 | | 27 | 2.5 | 13 | 50 | 14 | 32 | | | F-16131101 | 2.89 | 3.08 |
| 44 | W | | 140.06 | 138.20 | PT10-25-44 | 32 | | 50 | | | 18 | 55 | 16 | 34 | 120 | 11 | | | 2.12 |
| 48 | W | | 152.79 | 150.95 | PT10-25-48 | 32 | | 50 | | | 18 | 55 | 16 | 34 | 132 | 11 | | | 2.39 |
| 50 | W | | 159.15 | 157.30 | PT10-25-50 | 32 | | 50 | | | 18 | 60 | 16 | 35 | 140 | 11 | | | 2.60 |
| 60 | W | | 190.99 | 189.10 | PT10-25-60 | 32 | | 50 | | | 18 | 60 | 16 | 35 | 170 | 11 | | | 3.40 |

- 軸穴寸法はdminに追加加工仕上がりができる寸法になっています。
- 標準プーリはフランジがセットになっています。

プーリの呼称

(例) **PT10-15-36 A**
 プーリ略号 — PT10
 プーリ形状(A形) — A
 プーリ歯数 — 15
 プーリ呼び幅(ベルト15mm用) — 36

フランジ呼称

(例) **F -16 118 90**
 フランジ記号 — F
 フランジ厚み×10(mm) — 16
 フランジ内径(mm) — 118
 フランジ外径(mm) — 90

Timing Pulley ■プーリ編

参考資料

表34 〈参考資料〉プーリの歯数と径の一覧表

●MXL

| 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm |
|----------|-------------------|------------------|----------|-------------------|------------------|----------|-------------------|------------------|
| 10 | 6.47 | 5.96 | 58 | 37.51 | 37.01 | 106 | 68.56 | 68.05 |
| 11 | 7.11 | 6.61 | 59 | 38.16 | 37.65 | 107 | 69.21 | 68.70 |
| 12 | 7.76 | 7.25 | 60 | 38.81 | 38.30 | 108 | 69.86 | 69.35 |
| 13 | 8.41 | 7.90 | 61 | 39.46 | 38.95 | 109 | 70.50 | 69.99 |
| 14 | 9.06 | 8.55 | 62 | 40.10 | 39.59 | 110 | 71.15 | 70.64 |
| 15 | 9.70 | 9.19 | 63 | 40.75 | 40.24 | 111 | 71.80 | 71.29 |
| 16 | 10.35 | 9.84 | 64 | 41.40 | 40.89 | 112 | 72.44 | 71.93 |
| 17 | 11.00 | 10.49 | 65 | 42.04 | 41.53 | 113 | 73.09 | 72.58 |
| 18 | 11.64 | 11.13 | 66 | 42.69 | 42.18 | 114 | 73.74 | 73.23 |
| 19 | 12.29 | 11.78 | 67 | 43.34 | 42.83 | 115 | 74.38 | 73.87 |
| 20 | 12.94 | 12.43 | 68 | 43.98 | 43.47 | 116 | 75.03 | 74.52 |
| 21 | 13.58 | 13.07 | 69 | 44.63 | 44.12 | 117 | 75.68 | 75.17 |
| 22 | 14.23 | 13.72 | 70 | 45.28 | 44.77 | 118 | 76.32 | 75.82 |
| 23 | 14.88 | 14.37 | 71 | 45.92 | 45.42 | 119 | 76.97 | 76.46 |
| 24 | 15.52 | 15.02 | 72 | 46.57 | 46.06 | 120 | 77.62 | 77.11 |
| 25 | 16.17 | 15.66 | 73 | 47.22 | 46.71 | 121 | 78.26 | 77.76 |
| 26 | 16.82 | 16.31 | 74 | 47.86 | 47.36 | 122 | 78.91 | 78.40 |
| 27 | 17.46 | 16.96 | 75 | 48.51 | 48.00 | 123 | 79.56 | 79.05 |
| 28 | 18.11 | 17.60 | 76 | 49.16 | 48.65 | 124 | 80.20 | 79.70 |
| 29 | 18.76 | 18.25 | 77 | 49.80 | 49.30 | 125 | 80.85 | 80.34 |
| 30 | 19.40 | 18.90 | 78 | 50.45 | 49.94 | 126 | 81.50 | 80.99 |
| 31 | 20.05 | 19.54 | 79 | 51.10 | 50.59 | 127 | 82.14 | 81.64 |
| 32 | 20.70 | 20.19 | 80 | 51.74 | 51.24 | 128 | 82.79 | 82.28 |
| 33 | 21.34 | 20.84 | 81 | 52.39 | 51.88 | 129 | 83.44 | 82.93 |
| 34 | 21.99 | 21.48 | 82 | 53.04 | 52.53 | 130 | 84.08 | 83.58 |
| 35 | 22.64 | 22.13 | 83 | 53.68 | 53.18 | 131 | 84.73 | 84.22 |
| 36 | 23.29 | 22.78 | 84 | 54.33 | 53.82 | 132 | 85.38 | 84.87 |
| 37 | 23.93 | 23.42 | 85 | 54.98 | 54.47 | 133 | 86.03 | 85.52 |
| 38 | 24.58 | 24.07 | 86 | 55.63 | 55.12 | 134 | 86.67 | 86.16 |
| 39 | 25.23 | 24.72 | 87 | 56.27 | 55.76 | 135 | 87.32 | 86.81 |
| 40 | 25.87 | 25.36 | 88 | 56.92 | 56.41 | 136 | 87.97 | 87.46 |
| 41 | 26.52 | 26.01 | 89 | 57.57 | 57.06 | 137 | 88.61 | 88.10 |
| 42 | 27.17 | 26.66 | 90 | 58.21 | 57.70 | 138 | 89.26 | 88.75 |
| 43 | 27.81 | 27.30 | 91 | 58.86 | 58.35 | 139 | 89.91 | 89.40 |
| 44 | 28.46 | 27.95 | 92 | 59.51 | 59.00 | 140 | 90.55 | 90.04 |
| 45 | 29.11 | 28.60 | 93 | 60.15 | 59.64 | 141 | 91.20 | 90.69 |
| 46 | 29.75 | 29.25 | 94 | 60.80 | 60.29 | 142 | 91.85 | 91.34 |
| 47 | 30.40 | 29.89 | 95 | 61.45 | 60.94 | 143 | 92.49 | 91.99 |
| 48 | 31.05 | 30.54 | 96 | 62.09 | 61.59 | 144 | 93.14 | 92.63 |
| 49 | 31.69 | 31.19 | 97 | 62.74 | 62.23 | 145 | 93.79 | 93.28 |
| 50 | 32.34 | 31.83 | 98 | 63.39 | 62.88 | 146 | 94.43 | 93.93 |
| 51 | 32.99 | 32.48 | 99 | 64.03 | 63.53 | 147 | 95.08 | 94.57 |
| 52 | 33.63 | 33.13 | 100 | 64.68 | 64.17 | 148 | 95.73 | 95.22 |
| 53 | 34.28 | 33.77 | 101 | 65.33 | 64.82 | 149 | 96.37 | 95.87 |
| 54 | 34.93 | 34.42 | 102 | 65.97 | 65.47 | 150 | 97.02 | 96.51 |
| 55 | 35.57 | 35.07 | 103 | 66.62 | 66.11 | | | |
| 56 | 36.22 | 35.71 | 104 | 67.27 | 66.76 | | | |
| 57 | 36.87 | 36.36 | 105 | 67.91 | 67.41 | | | |

●XL

| 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm |
|----------|-------------------|------------------|----------|-------------------|------------------|----------|-------------------|------------------|
| 10 | 16.17 | 15.66 | 55 | 88.94 | 88.43 | 100 | 161.70 | 161.19 |
| 11 | 17.79 | 17.28 | 56 | 90.55 | 90.04 | 101 | 163.32 | 162.81 |
| 12 | 19.40 | 18.90 | 57 | 92.17 | 91.66 | 102 | 164.94 | 164.43 |
| 13 | 21.02 | 20.51 | 58 | 93.79 | 93.28 | 103 | 166.55 | 166.04 |
| 14 | 22.64 | 22.13 | 59 | 95.40 | 94.90 | 104 | 168.17 | 167.66 |
| 15 | 24.26 | 23.75 | 60 | 97.02 | 96.51 | 105 | 169.79 | 169.28 |
| 16 | 25.87 | 25.36 | 61 | 98.64 | 98.13 | 106 | 171.40 | 170.90 |
| 17 | 27.49 | 26.98 | 62 | 100.25 | 99.75 | 107 | 173.02 | 172.51 |
| 18 | 29.11 | 28.60 | 63 | 101.87 | 101.36 | 108 | 174.64 | 174.13 |
| 19 | 30.72 | 30.22 | 64 | 103.49 | 102.98 | 109 | 176.25 | 175.75 |
| 20 | 32.34 | 31.83 | 65 | 105.11 | 104.60 | 110 | 177.87 | 177.36 |
| 21 | 33.96 | 33.45 | 66 | 106.72 | 106.22 | 111 | 179.49 | 178.98 |
| 22 | 35.57 | 35.07 | 67 | 108.34 | 107.83 | 112 | 181.11 | 180.60 |
| 23 | 37.19 | 36.68 | 68 | 109.96 | 109.45 | 113 | 182.72 | 182.21 |
| 24 | 38.81 | 38.30 | 69 | 111.57 | 111.07 | 114 | 184.34 | 183.83 |
| 25 | 40.43 | 39.92 | 70 | 113.19 | 112.68 | 115 | 185.96 | 185.45 |
| 26 | 42.04 | 41.53 | 71 | 114.81 | 114.30 | 116 | 187.57 | 187.07 |
| 27 | 43.66 | 43.15 | 72 | 116.63 | 115.92 | 117 | 189.19 | 188.68 |
| 28 | 45.28 | 44.77 | 73 | 118.04 | 117.53 | 118 | 190.81 | 190.30 |
| 29 | 46.89 | 46.39 | 74 | 119.66 | 119.15 | 119 | 192.42 | 191.92 |
| 30 | 48.51 | 48.00 | 75 | 121.28 | 120.77 | 120 | 194.04 | 193.53 |
| 31 | 50.13 | 49.62 | 76 | 122.89 | 122.39 | 121 | 195.66 | 195.15 |
| 32 | 51.74 | 51.24 | 77 | 124.51 | 124.00 | 122 | 197.28 | 196.77 |
| 33 | 53.36 | 52.85 | 78 | 126.13 | 125.62 | 123 | 198.89 | 198.38 |
| 34 | 54.98 | 54.47 | 79 | 127.74 | 127.24 | 124 | 200.51 | 200.00 |
| 35 | 56.60 | 56.09 | 80 | 129.36 | 128.85 | 125 | 202.13 | 201.62 |
| 36 | 58.21 | 57.70 | 81 | 130.98 | 130.47 | 126 | 203.74 | 203.24 |
| 37 | 59.83 | 59.32 | 82 | 132.60 | 132.09 | 127 | 205.36 | 204.85 |
| 38 | 61.45 | 60.94 | 83 | 134.21 | 133.70 | 128 | 206.98 | 206.47 |
| 39 | 63.06 | 62.56 | 84 | 135.83 | 135.32 | 129 | 208.60 | 208.09 |
| 40 | 64.68 | 64.17 | 85 | 137.45 | 136.94 | 130 | 210.21 | 209.70 |
| 41 | 66.30 | 65.79 | 86 | 139.06 | 138.56 | 131 | 211.83 | 211.32 |
| 42 | 67.91 | 67.41 | 87 | 140.68 | 140.17 | 132 | 213.45 | 212.94 |
| 43 | 69.53 | 69.02 | 88 | 142.30 | 141.79 | 133 | 215.06 | 214.56 |
| 44 | 71.15 | 70.64 | 89 | 143.91 | 143.41 | 134 | 216.68 | 216.17 |
| 45 | 72.77 | 72.26 | 90 | 145.53 | 145.02 | 135 | 218.30 | 217.79 |
| 46 | 74.38 | 73.87 | 91 | 147.15 | 146.64 | 136 | 219.91 | 219.41 |
| 47 | 76.00 | 75.49 | 92 | 148.77 | 148.26 | 137 | 221.53 | 221.02 |
| 48 | 77.62 | 77.11 | 93 | 150.38 | 149.87 | 138 | 223.15 | 222.64 |
| 49 | 79.23 | 78.73 | 94 | 152.00 | 151.49 | 139 | 224.77 | 224.26 |
| 50 | 80.85 | 80.34 | 95 | 153.62 | 153.11 | 140 | 226.38 | 225.87 |
| 51 | 82.47 | 81.96 | 96 | 155.23 | 154.73 | 141 | 228.00 | 227.49 |
| 52 | 84.08 | 83.58 | 97 | 156.85 | 156.34 | 142 | 229.62 | 229.11 |
| 53 | 85.70 | 85.19 | 98 | 158.47 | 157.96 | 143 | 231.23 | 230.73 |
| 54 | 87.32 | 86.81 | 99 | 160.08 | 159.58 | 144 | 232.85 | 232.34 |

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| 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm |
|----------|-------------------|------------------|----------|-------------------|------------------|----------|-------------------|------------------|
| 10 | 30.32 | 29.56 | 55 | 166.75 | 165.99 | 100 | 303.19 | 302.43 |
| 11 | 33.35 | 32.59 | 56 | 169.79 | 169.02 | 101 | 306.22 | 305.46 |
| 12 | 36.38 | 35.62 | 57 | 172.82 | 172.06 | 102 | 309.25 | 308.49 |
| 13 | 39.41 | 38.65 | 58 | 175.85 | 175.09 | 103 | 312.29 | 311.52 |
| 14 | 42.45 | 41.68 | 59 | 178.88 | 178.12 | 104 | 315.32 | 314.56 |
| 15 | 45.48 | 44.72 | 60 | 181.91 | 181.15 | 105 | 318.35 | 317.59 |
| 16 | 48.51 | 47.75 | 61 | 184.95 | 184.18 | 106 | 321.38 | 320.62 |
| 17 | 51.54 | 50.78 | 62 | 187.98 | 187.22 | 107 | 324.41 | 323.65 |
| 18 | 54.57 | 53.81 | 63 | 191.01 | 190.25 | 108 | 327.45 | 326.68 |
| 19 | 57.61 | 56.84 | 64 | 194.04 | 193.28 | 109 | 330.48 | 329.72 |
| 20 | 60.64 | 59.88 | 65 | 197.07 | 196.31 | 110 | 333.51 | 332.75 |
| 21 | 63.67 | 62.91 | 66 | 200.11 | 199.34 | 111 | 336.54 | 335.78 |
| 22 | 66.70 | 65.94 | 67 | 203.14 | 202.38 | 112 | 339.57 | 338.81 |
| 23 | 69.73 | 68.97 | 68 | 206.17 | 205.41 | 113 | 342.61 | 341.84 |
| 24 | 72.77 | 72.00 | 69 | 209.20 | 208.44 | 114 | 345.64 | 344.88 |
| 25 | 75.80 | 75.04 | 70 | 212.23 | 211.47 | 115 | 348.67 | 347.91 |
| 26 | 78.83 | 78.07 | 71 | 215.27 | 214.50 | 116 | 351.70 | 350.94 |
| 27 | 81.86 | 81.10 | 72 | 218.30 | 217.54 | 117 | 354.73 | 353.97 |
| 28 | 84.89 | 84.13 | 73 | 221.33 | 220.57 | 118 | 357.76 | 357.00 |
| 29 | 87.93 | 87.16 | 74 | 224.36 | 223.60 | 119 | 360.80 | 360.03 |
| 30 | 90.96 | 90.20 | 75 | 227.39 | 226.63 | 120 | 363.83 | 363.07 |
| 31 | 93.99 | 93.23 | 76 | 230.42 | 229.66 | 121 | 366.86 | 366.10 |
| 32 | 97.02 | 96.26 | 77 | 233.46 | 232.69 | 122 | 369.89 | 369.13 |
| 33 | 100.05 | 99.29 | 78 | 236.49 | 235.73 | 123 | 372.92 | 372.16 |
| 34 | 103.08 | 102.32 | 79 | 239.52 | 238.76 | 124 | 375.96 | 375.19 |
| 35 | 106.12 | 105.35 | 80 | 242.55 | 241.79 | 125 | 378.99 | 378.23 |
| 36 | 109.15 | 108.39 | 81 | 245.58 | 244.82 | 126 | 382.02 | 381.26 |
| 37 | 112.18 | 111.42 | 82 | 248.62 | 247.85 | 127 | 385.05 | 384.29 |
| 38 | 115.21 | 114.45 | 83 | 251.65 | 250.89 | 128 | 388.08 | 387.32 |
| 39 | 118.24 | 117.48 | 84 | 254.68 | 253.92 | 129 | 391.12 | 390.35 |
| 40 | 121.28 | 120.51 | 85 | 257.71 | 256.95 | 130 | 394.15 | 393.39 |
| 41 | 124.31 | 123.55 | 86 | 260.74 | 259.98 | 131 | 397.18 | 396.42 |
| 42 | 127.34 | 126.58 | 87 | 263.78 | 263.01 | 132 | 400.21 | 399.45 |
| 43 | 130.37 | 129.61 | 88 | 266.81 | 266.05 | 133 | 403.24 | 402.48 |
| 44 | 133.40 | 132.64 | 89 | 269.84 | 269.08 | 134 | 406.28 | 405.51 |
| 45 | 136.44 | 135.67 | 90 | 272.87 | 272.11 | 135 | 409.31 | 408.55 |
| 46 | 139.47 | 138.71 | 91 | 275.90 | 275.14 | 136 | 412.34 | 411.58 |
| 47 | 142.50 | 141.74 | 92 | 278.94 | 278.17 | 137 | 415.37 | 414.61 |
| 48 | 145.53 | 144.77 | 93 | 281.97 | 281.21 | 138 | 418.40 | 417.64 |
| 49 | 148.56 | 147.80 | 94 | 285.00 | 284.24 | 139 | 421.43 | 420.67 |
| 50 | 151.60 | 150.83 | 95 | 288.03 | 287.27 | 140 | 424.47 | 423.70 |
| 51 | 154.63 | 153.87 | 96 | 291.06 | 290.30 | 141 | 427.50 | 426.74 |
| 52 | 157.66 | 156.90 | 97 | 294.09 | 293.33 | 142 | 430.53 | 429.77 |
| 53 | 160.69 | 159.93 | 98 | 297.13 | 296.36 | 143 | 433.56 | 432.80 |
| 54 | 163.72 | 162.96 | 99 | 300.16 | 299.40 | 144 | 436.59 | 435.83 |

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| 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm |
|----------|-------------------|------------------|----------|-------------------|------------------|----------|-------------------|------------------|
| 14 | 56.60 | 55.22 | 59 | 238.51 | 237.14 | 104 | 420.42 | 419.05 |
| 15 | 60.64 | 59.27 | 60 | 242.55 | 241.18 | 105 | 424.47 | 423.09 |
| 16 | 64.68 | 63.31 | 61 | 246.59 | 245.22 | 106 | 428.51 | 427.14 |
| 17 | 68.72 | 67.35 | 62 | 250.64 | 249.27 | 107 | 432.55 | 431.18 |
| 18 | 72.77 | 71.39 | 63 | 254.68 | 253.31 | 108 | 436.59 | 435.22 |
| 19 | 76.81 | 75.44 | 64 | 258.72 | 257.35 | 109 | 440.64 | 439.26 |
| 20 | 80.85 | 79.48 | 65 | 262.77 | 261.39 | 110 | 444.68 | 443.31 |
| 21 | 84.89 | 83.52 | 66 | 266.81 | 265.44 | 111 | 448.72 | 447.35 |
| 22 | 88.94 | 87.56 | 67 | 270.85 | 269.48 | 112 | 452.76 | 451.39 |
| 23 | 92.98 | 91.61 | 68 | 274.89 | 273.52 | 113 | 456.81 | 455.43 |
| 24 | 97.02 | 95.65 | 69 | 278.94 | 277.56 | 114 | 460.85 | 459.48 |
| 25 | 101.06 | 99.69 | 70 | 282.98 | 281.61 | 115 | 464.89 | 463.52 |
| 26 | 105.11 | 103.73 | 71 | 287.02 | 285.65 | 116 | 468.93 | 467.56 |
| 27 | 109.15 | 107.78 | 72 | 291.06 | 289.69 | 117 | 472.98 | 471.61 |
| 28 | 113.19 | 111.82 | 73 | 295.11 | 293.73 | 118 | 477.02 | 475.65 |
| 29 | 117.23 | 115.86 | 74 | 299.15 | 297.78 | 119 | 481.06 | 479.69 |
| 30 | 121.28 | 119.90 | 75 | 303.19 | 301.82 | 120 | 485.10 | 483.73 |
| 31 | 125.32 | 123.95 | 76 | 307.23 | 306.86 | 121 | 489.15 | 487.78 |
| 32 | 129.36 | 127.99 | 77 | 311.28 | 309.90 | 122 | 493.19 | 491.82 |
| 33 | 133.40 | 132.03 | 78 | 315.32 | 313.95 | 123 | 497.23 | 495.86 |
| 34 | 137.45 | 136.07 | 79 | 319.36 | 317.99 | 124 | 501.27 | 499.80 |
| 35 | 141.49 | 140.12 | 80 | 323.40 | 322.03 | 125 | 505.32 | 503.95 |
| 36 | 145.53 | 144.16 | 81 | 327.45 | 326.07 | 126 | 509.36 | 507.99 |
| 37 | 149.57 | 148.20 | 82 | 331.49 | 330.12 | 127 | 513.40 | 512.03 |
| 38 | 153.62 | 152.24 | 83 | 335.53 | 334.16 | 128 | 517.44 | 516.07 |
| 39 | 157.66 | 156.29 | 84 | 339.57 | 338.20 | 129 | 521.49 | 520.12 |
| 40 | 161.70 | 160.33 | 85 | 343.62 | 343.24 | 130 | 525.53 | 524.16 |
| 41 | 165.74 | 164.37 | 86 | 347.66 | 346.29 | 131 | 529.57 | 528.20 |
| 42 | 169.79 | 168.41 | 87 | 351.70 | 350.33 | 132 | 533.62 | 532.24 |
| 43 | 173.83 | 172.46 | 88 | 355.74 | 354.37 | 133 | 537.66 | 536.29 |
| 44 | 177.87 | 176.50 | 89 | 359.79 | 358.41 | 134 | 541.70 | 540.33 |
| 45 | 181.91 | 180.54 | 90 | 363.83 | 362.46 | 135 | 545.74 | 544.37 |
| 46 | 185.96 | 184.58 | 91 | 367.87 | 366.50 | 136 | 549.79 | 548.41 |
| 47 | 190.00 | 188.63 | 92 | 371.91 | 370.54 | 137 | 553.83 | 552.46 |
| 48 | 094.04 | 192.67 | 93 | 375.96 | 374.58 | 138 | 557.87 | 556.50 |
| 49 | 198.08 | 196.71 | 94 | 380.00 | 378.63 | 139 | 561.91 | 560.54 |
| 50 | 202.13 | 200.75 | 95 | 384.04 | 382.67 | 140 | 565.96 | 564.58 |
| 51 | 206.17 | 204.80 | 96 | 388.08 | 386.71 | 141 | 570.00 | 568.63 |
| 52 | 210.21 | 208.84 | 97 | 392.13 | 390.75 | 142 | 574.04 | 572.67 |
| 53 | 214.25 | 212.88 | 98 | 396.17 | 394.80 | 143 | 578.08 | 576.71 |
| 54 | 218.30 | 216.93 | 99 | 400.21 | 398.84 | 144 | 582.13 | 580.75 |
| 55 | 222.34 | 220.97 | 100 | 404.25 | 402.88 | 145 | 586.17 | 584.80 |
| 56 | 226.38 | 225.01 | 101 | 408.30 | 406.92 | 146 | 590.21 | 588.84 |
| 57 | 230.42 | 229.05 | 102 | 412.34 | 410.97 | 147 | 594.25 | 592.88 |
| 58 | 234.47 | 233.10 | 103 | 416.38 | 415.01 | 148 | 598.30 | 596.92 |

Timing Pulley ■プーリ編

参考資料

表34 (参考資料) プーリの歯数と径の一覧表

| 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm |
|----------|-------------------|------------------|----------|-------------------|------------------|----------|-------------------|------------------|
| 18 | 127.34 | 124.55 | 63 | 445.69 | 442.90 | 108 | 764.04 | 761.25 |
| 19 | 134.41 | 131.62 | 64 | 452.76 | 449.97 | 109 | 771.11 | 768.32 |
| 20 | 141.49 | 138.68 | 65 | 459.84 | 457.04 | 110 | 778.19 | 775.39 |
| 21 | 148.56 | 145.77 | 66 | 466.91 | 464.12 | 111 | 785.26 | 782.47 |
| 22 | 155.64 | 152.84 | 67 | 473.99 | 471.19 | 112 | 792.34 | 789.54 |
| 23 | 162.71 | 159.92 | 68 | 481.06 | 478.27 | 113 | 799.41 | 796.62 |
| 24 | 169.79 | 166.99 | 69 | 488.14 | 485.34 | 114 | 806.49 | 803.69 |
| 25 | 176.86 | 174.07 | 70 | 495.21 | 492.42 | 115 | 813.56 | 810.77 |
| 26 | 183.94 | 181.14 | 71 | 502.29 | 499.49 | 116 | 820.64 | 817.84 |
| 27 | 191.01 | 188.22 | 72 | 509.36 | 506.57 | 117 | 827.71 | 824.92 |
| 28 | 198.08 | 195.29 | 73 | 516.43 | 513.64 | 118 | 834.78 | 931.99 |
| 29 | 205.16 | 202.36 | 74 | 523.51 | 520.71 | 119 | 841.86 | 839.06 |
| 30 | 212.23 | 209.44 | 75 | 530.58 | 527.79 | 120 | 848.93 | 846.14 |
| 31 | 219.31 | 216.51 | 76 | 537.66 | 534.86 | 121 | 856.01 | 853.21 |
| 32 | 226.38 | 223.59 | 77 | 544.73 | 541.94 | 122 | 863.08 | 860.29 |
| 33 | 233.46 | 230.66 | 78 | 551.81 | 549.01 | 123 | 870.16 | 867.36 |
| 34 | 240.53 | 237.74 | 79 | 558.88 | 556.09 | 124 | 877.23 | 874.44 |
| 35 | 247.61 | 244.81 | 80 | 565.96 | 563.16 | 125 | 884.31 | 881.51 |
| 36 | 254.68 | 251.89 | 81 | 573.03 | 570.24 | 126 | 891.38 | 888.59 |
| 37 | 261.75 | 258.96 | 82 | 580.10 | 577.31 | 127 | 898.45 | 895.66 |
| 38 | 268.83 | 266.03 | 83 | 578.18 | 584.38 | 128 | 905.53 | 902.73 |
| 39 | 275.90 | 273.11 | 84 | 594.25 | 591.46 | 129 | 912.60 | 909.81 |
| 40 | 282.98 | 280.18 | 85 | 601.33 | 598.53 | 130 | 919.68 | 916.88 |
| 41 | 290.05 | 287.26 | 86 | 608.40 | 605.61 | 131 | 926.75 | 923.96 |
| 42 | 297.13 | 294.33 | 87 | 615.48 | 612.68 | 132 | 933.83 | 931.03 |
| 43 | 304.20 | 301.41 | 88 | 622.55 | 619.76 | 133 | 940.90 | 938.11 |
| 44 | 311.28 | 308.48 | 89 | 629.63 | 626.83 | 134 | 947.98 | 945.18 |
| 45 | 318.35 | 315.56 | 90 | 636.70 | 633.91 | 135 | 955.05 | 952.26 |
| 46 | 325.42 | 322.63 | 91 | 643.77 | 640.98 | 136 | 962.12 | 959.33 |
| 47 | 332.50 | 329.70 | 92 | 650.85 | 648.05 | 137 | 969.20 | 966.40 |
| 48 | 339.57 | 336.78 | 93 | 657.92 | 655.13 | 138 | 976.27 | 973.48 |
| 49 | 346.65 | 343.85 | 94 | 665.00 | 662.20 | 139 | 983.35 | 980.55 |
| 50 | 353.72 | 350.93 | 95 | 672.07 | 669.28 | 140 | 990.42 | 987.63 |
| 51 | 360.80 | 358.00 | 96 | 679.15 | 676.35 | 141 | 997.50 | 994.70 |
| 52 | 367.87 | 365.08 | 97 | 686.22 | 683.43 | 142 | 1004.57 | 1001.78 |
| 53 | 374.95 | 372.15 | 98 | 693.30 | 690.50 | 143 | 1011.65 | 1008.85 |
| 54 | 382.02 | 379.23 | 99 | 700.37 | 697.58 | 144 | 1018.72 | 1015.93 |
| 55 | 389.09 | 386.30 | 100 | 707.44 | 704.65 | 145 | 1025.79 | 1023.00 |
| 56 | 396.17 | 393.37 | 101 | 714.52 | 711.72 | 146 | 1032.87 | 1030.07 |
| 57 | 403.24 | 400.45 | 102 | 721.59 | 718.80 | 147 | 1039.94 | 1037.15 |
| 58 | 410.32 | 407.52 | 103 | 728.67 | 725.87 | 148 | 1047.02 | 1044.22 |
| 59 | 417.39 | 414.60 | 104 | 735.74 | 732.95 | 149 | 1054.09 | 1051.30 |
| 60 | 424.47 | 421.67 | 105 | 742.82 | 740.02 | 150 | 1061.17 | 1058.37 |
| 61 | 431.54 | 428.75 | 106 | 749.89 | 747.10 | 151 | 1068.24 | 1065.45 |
| 62 | 438.62 | 435.82 | 107 | 756.97 | 754.17 | 152 | 1075.32 | 1072.52 |

●XXH

| 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm |
|----------|-------------------|------------------|----------|-------------------|------------------|----------|-------------------|------------------|
| 18 | 181.91 | 178.87 | 63 | 636.70 | 633.65 | 108 | 1091.49 | 1088.44 |
| 19 | 192.02 | 188.97 | 64 | 646.81 | 643.76 | 109 | 1101.59 | 1098.54 |
| 20 | 202.13 | 199.08 | 65 | 656.91 | 653.86 | 110 | 1111.70 | 1108.65 |
| 21 | 212.23 | 209.19 | 66 | 667.02 | 663.97 | 111 | 1121.80 | 1118.76 |
| 22 | 222.34 | 219.29 | 67 | 677.13 | 674.08 | 112 | 1131.91 | 1128.86 |
| 23 | 232.45 | 229.40 | 68 | 687.23 | 684.18 | 113 | 1142.02 | 1138.97 |
| 24 | 242.55 | 239.50 | 69 | 697.34 | 694.29 | 114 | 1152.12 | 1149.08 |
| 25 | 252.66 | 249.61 | 70 | 707.44 | 704.40 | 115 | 1162.23 | 1159.18 |
| 26 | 262.77 | 259.72 | 71 | 717.55 | 714.50 | 116 | 1172.34 | 1169.29 |
| 27 | 272.87 | 269.82 | 72 | 727.66 | 724.61 | 117 | 1182.44 | 1179.39 |
| 28 | 282.98 | 279.93 | 73 | 737.76 | 734.72 | 118 | 1192.55 | 1189.50 |
| 29 | 293.08 | 290.04 | 74 | 747.87 | 744.82 | 119 | 1202.66 | 1199.61 |
| 30 | 303.19 | 300.14 | 75 | 757.98 | 754.93 | 120 | 1212.76 | 1209.71 |
| 31 | 313.30 | 310.25 | 76 | 768.08 | 765.03 | 121 | 1222.87 | 1219.82 |
| 32 | 323.40 | 320.36 | 77 | 778.19 | 775.14 | 122 | 1232.97 | 1229.93 |
| 33 | 333.51 | 330.46 | 78 | 788.30 | 785.25 | 123 | 1243.08 | 1240.03 |
| 34 | 343.62 | 340.57 | 79 | 798.40 | 795.35 | 124 | 1253.19 | 1250.14 |
| 35 | 353.72 | 350.67 | 80 | 808.51 | 805.46 | 125 | 1263.29 | 1260.25 |
| 36 | 363.83 | 360.78 | 81 | 818.61 | 815.57 | 126 | 1273.40 | 1270.35 |
| 37 | 373.93 | 370.89 | 82 | 828.72 | 825.67 | 127 | 1283.51 | 1280.46 |
| 38 | 384.04 | 380.99 | 83 | 838.83 | 835.78 | 128 | 1293.61 | 1290.56 |
| 39 | 394.15 | 391.10 | 84 | 848.93 | 845.89 | 129 | 1303.72 | 1300.67 |
| 40 | 404.25 | 401.21 | 85 | 859.04 | 855.99 | 130 | 1313.83 | 1310.78 |
| 41 | 414.36 | 411.31 | 86 | 869.15 | 866.10 | 131 | 1323.93 | 1320.88 |
| 42 | 424.47 | 421.42 | 87 | 879.25 | 876.20 | 132 | 1334.04 | 1330.99 |
| 43 | 434.57 | 431.52 | 88 | 889.36 | 886.31 | 133 | 1344.14 | 1341.10 |
| 44 | 444.68 | 441.63 | 89 | 899.46 | 896.42 | 134 | 1354.25 | 1351.20 |
| 45 | 454.79 | 451.74 | 90 | 909.57 | 905.52 | 135 | 1364.36 | 1361.31 |
| 46 | 464.89 | 461.84 | 91 | 919.68 | 916.63 | 136 | 1374.46 | 1371.42 |
| 47 | 475.00 | 471.95 | 92 | 929.78 | 926.74 | 137 | 1384.57 | 1381.52 |
| 48 | 485.10 | 482.06 | 93 | 939.89 | 936.84 | 138 | 1394.68 | 1391.63 |
| 49 | 495.21 | 492.16 | 94 | 950.00 | 946.95 | 139 | 1404.78 | 1401.73 |
| 50 | 505.32 | 502.27 | 95 | 960.10 | 957.06 | 140 | 1414.89 | 1411.84 |
| 51 | 515.42 | 512.38 | 96 | 970.21 | 967.16 | 141 | 1424.99 | 1421.95 |
| 52 | 525.53 | 522.48 | 97 | 980.32 | 977.27 | 142 | 1435.10 | 1432.05 |
| 53 | 535.64 | 532.59 | 98 | 990.42 | 987.37 | 143 | 1445.21 | 1442.16 |
| 54 | 545.74 | 542.69 | 99 | 1000.53 | 997.48 | 144 | 1455.31 | 1452.27 |
| 55 | 555.85 | 552.80 | 100 | 1010.63 | 1007.59 | 145 | 1465.42 | 1462.37 |
| 56 | 565.96 | 562.91 | 101 | 1020.74 | 1017.69 | 146 | 1475.53 | 1472.48 |
| 57 | 576.06 | 573.01 | 102 | 1030.85 | 1027.69 | 147 | 1485.63 | 1482.59 |
| 58 | 586.17 | 583.12 | 103 | 1040.95 | 1037.91 | 148 | 1495.74 | 1492.69 |
| 59 | 596.27 | 593.23 | 104 | 1051.06 | 1048.01 | 149 | 1505.85 | 1502.80 |
| 60 | 606.38 | 603.33 | 105 | 1061.17 | 1058.12 | 150 | 1515.95 | 1512.90 |
| 61 | 616.49 | 613.44 | 106 | 1071.27 | 1068.22 | 151 | 1526.06 | 1523.01 |
| 62 | 626.59 | 623.55 | 107 | 1081.38 | 1078.33 | 152 | 1536.16 | 1533.12 |

●T5

| 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm |
|----------|-------------------|------------------|----------|-------------------|------------------|----------|-------------------|------------------|
| 10 | 15.92 | 15.05 | 46 | 73.21 | 72.40 | 82 | 130.51 | 129.70 |
| 11 | 17.51 | 16.65 | 47 | 74.80 | 73.95 | 83 | 132.10 | 131.30 |
| 12 | 19.10 | 18.25 | 48 | 76.39 | 75.55 | 84 | 133.69 | 132.85 |
| 13 | 20.69 | 19.85 | 49 | 77.99 | 77.15 | 85 | 135.28 | 134.45 |
| 14 | 22.28 | 21.45 | 50 | 79.58 | 78.75 | 86 | 136.87 | 136.05 |
| 15 | 23.87 | 23.05 | 51 | 81.17 | 80.35 | 87 | 138.46 | 137.65 |
| 16 | 25.46 | 24.60 | 52 | 82.76 | 81.95 | 88 | 140.06 | 139.25 |
| 17 | 27.06 | 26.20 | 53 | 84.35 | 83.50 | 89 | 141.65 | 140.85 |
| 18 | 28.65 | 27.80 | 54 | 85.94 | 85.10 | 90 | 143.24 | 142.45 |
| 19 | 30.24 | 29.40 | 55 | 87.54 | 86.70 | 91 | 144.83 | 144.00 |
| 20 | 31.83 | 31.00 | 56 | 89.13 | 88.30 | 92 | 146.42 | 145.60 |
| 21 | 33.42 | 32.70 | 57 | 90.72 | 89.90 | 93 | 148.01 | 147.20 |
| 22 | 35.01 | 34.25 | 58 | 92.31 | 91.50 | 94 | 149.61 | 148.80 |
| 23 | 36.61 | 35.85 | 59 | 93.90 | 93.05 | 95 | 151.20 | 150.40 |
| 24 | 38.20 | 37.40 | 60 | 95.49 | 94.65 | 96 | 152.79 | 152.00 |
| 25 | 39.79 | 39.00 | 61 | 97.08 | 96.25 | 97 | 154.38 | 153.55 |
| 26 | 41.38 | 40.60 | 62 | 98.68 | 97.85 | 98 | 155.97 | 155.15 |
| 27 | 42.97 | 42.20 | 63 | 100.27 | 99.45 | 99 | 157.56 | 156.75 |
| 28 | 44.56 | 43.75 | 64 | 101.86 | 101.05 | 100 | 159.15 | 158.35 |
| 29 | 46.15 | 45.35 | 65 | 103.45 | 102.65 | 101 | 160.75 | 159.95 |
| 30 | 47.75 | 46.95 | 66 | 105.04 | 104.20 | 102 | 162.34 | 161.55 |
| 31 | 49.34 | 48.55 | 67 | 106.63 | 105.80 | 103 | 163.93 | 163.10 |
| 32 | 50.93 | 50.10 | 68 | 108.23 | 107.40 | 104 | 165.52 | 164.70 |
| 33 | 52.52 | 51.70 | 69 | 109.82 | 109.00 | 105 | 167.11 | 166.30 |
| 34 | 54.11 | 53.25 | 70 | 111.41 | 110.60 | 106 | 168.70 | 167.90 |
| 35 | 55.70 | 54.85 | 71 | 113.00 | 112.20 | 107 | 170.30 | 169.50 |
| 36 | 57.30 | 56.45 | 72 | 114.59 | 113.75 | 108 | 171.89 | 171.10 |
| 37 | 58.89 | 58.05 | 73 | 116.18 | 115.35 | 109 | 173.48 | 172.65 |
| 38 | 60.48 | 59.65 | 74 | 117.77 | 116.95 | 110 | 175.07 | 174.25 |
| 39 | 62.07 | 61.25 | 75 | 119.37 | 118.55 | 111 | 176.66 | 175.85 |
| 40 | 63.66 | 62.85 | 76 | 120.96 | 120.15 | 112 | 178.25 | 177.45 |
| 41 | 65.25 | 64.40 | 77 | 122.55 | 121.75 | 113 | 179.85 | 179.00 |
| 42 | 66.85 | 66.00 | 78 | 124.14 | 123.30 | | | |
| 43 | 68.44 | 67.60 | 79 | 125.73 | 124.90 | | | |
| 44 | 70.03 | 69.20 | 80 | 127.32 | 126.50 | | | |
| 45 | 71.62 | 70.80 | 81 | 128.92 | 128.10 | | | |

●T10

| 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm | 歯数 Zn | ピッチ径 P D mm | 外 径 O D mm |
|----------|-------------------|------------------|----------|-------------------|------------------|----------|-------------------|------------------|
| 10 | 31.83 | 30.00 | 46 | 146.42 | 144.55 | 82 | 261.01 | 259.15 |
| 11 | 35.01 | 33.15 | 47 | 149.61 | 147.75 | 83 | 264.20 | 262.35 |
| 12 | 38.20 | 36.35 | 48 | 152.79 | 150.95 | 84 | 267.38 | 265.50 |
| 13 | 41.38 | 39.50 | 49 | 155.97 | 154.10 | 85 | 270.56 | 268.70 |
| 14 | 44.56 | 42.70 | 50 | 159.15 | 157.30 | 86 | 273.75 | 271.90 |
| 15 | 47.75 | 45.90 | 51 | 162.34 | 160.50 | 87 | 276.93 | 275.05 |
| 16 | 50.93 | 49.05 | 52 | 165.52 | 163.65 | 88 | 280.11 | 278.25 |
| 17 | 54.11 | 52.25 | 53 | 168.70 | 166.85 | 89 | 283.30 | 281.45 |
| 18 | 57.30 | 55.45 | 54 | 171.89 | 170.05 | 90 | 286.48 | 284.60 |
| 19 | 60.48 | 58.60 | 55 | 175.07 | 173.20 | 91 | 289.66 | 287.80 |
| 20 | 63.66 | 61.80 | 56 | 178.25 | 176.40 | 92 | 292.85 | 291.00 |
| 21 | 66.85 | 65.00 | 57 | 181.44 | 179.60 | 93 | 296.03 | 294.15 |
| 22 | 70.03 | 68.15 | 58 | 184.62 | 182.75 | 94 | 299.21 | 297.35 |
| 23 | 73.21 | 71.35 | 59 | 187.80 | 185.95 | 95 | 302.39 | 300.55 |
| 24 | 76.39 | 74.55 | 60 | 190.99 | 189.10 | 96 | 305.58 | 303.70 |
| 25 | 79.58 | 77.70 | 61 | 194.17 | 192.30 | 97 | 308.76 | 306.90 |
| 26 | 82.76 | 80.90 | 62 | 197.35 | 195.50 | 98 | 311.94 | 310.10 |
| 27 | 85.94 | 84.10 | 63 | 200.54 | 198.65 | 99 | 315.13 | 313.25 |
| 28 | 89.13 | 87.25 | 64 | 203.72 | 201.85 | 100 | 318.31 | 316.45 |
| 29 | 92.31 | 90.45 | 65 | 206.90 | 205.05 | 101 | 321.49 | 319.65 |
| 30 | 95.49 | 93.65 | 66 | 210.08 | 208.20 | 102 | 324.68 | 322.80 |
| 31 | 98.68 | 96.80 | 67 | 213.27 | 211.40 | 103 | 327.86 | 326.00 |
| 32 | 101.86 | 100.00 | 68 | 216.45 | 214.60 | 104 | 331.04 | 329.20 |
| 33 | 105.04 | 103.20 | 69 | 219.63 | 217.75 | 105 | 334.23 | 332.35 |
| 34 | 108.23 | 106.40 | 70 | 222.82 | 220.95 | 106 | 337.41 | 335.55 |
| 35 | 111.41 | 109.55 | 71 | 226.00 | 224.15 | 107 | 340.59 | 338.75 |
| 36 | 114.59 | 112.75 | 72 | 229.18 | 227.30 | 108 | 343.77 | 341.90 |
| 37 | 117.77 | 115.90 | 73 | 232.37 | 230.50 | 109 | 346.96 | 345.10 |
| 38 | 120.96 | 119.10 | 74 | 235.55 | 233.70 | 110 | 350.14 | 348.30 |
| 39 | 124.14 | 122.30 | 75 | 238.73 | 236.90 | 111 | 353.32 | 351.45 |
| 40 | 127.32 | 125.45 | 76 | 241.92 | 240.05 | 112 | 356.51 | 354.65 |
| 41 | 130.51 | 128.65 | 77 | 245.10 | 243.25 | 113 | 359.69 | 357.80 |
| 42 | 133.69 | 131.85 | 78 | 248.28 | 246.40 | | | |
| 43 | 136.87 | 135.00 | 79 | 251.46 | 249.60 | | | |
| 44 | 140.06 | 138.20 | 80 | 254.65 | 252.80 | | | |
| 45 | 143.24 | 141.40 | 81 | 257.83 | 255.95 | | | |

A ベルトの張り

ベルトは適当な張りと与えて、はじめて満足な動力伝達と耐久力を保つことができます。またベルトは、張りが弱い場合はベルトのゆるみ側が、張りが強い場合鋭い音とともにベルトの張り側が振動しやすくなります。

1 正確なベルトの張りかた

① スパン長さ (Ls) をもとめてください。

ベルトがプーリと接していない長さをもとめます。スパン長さ (Ls) は両プーリ径の差が小さい場合には軸間距離に同じとみてさしつかえありません。

● スパン長さ (Ls) のもとめかた

$$Ls = \sqrt{C^2 - \frac{(Dp - dp)^2}{4}}$$

ただし、

Ls: スパン長さ (mm)

C: 軸間距離 (mm)

Dp: 大プーリピッチ径 (mm)

dp: 小プーリピッチ径 (mm)

③ たわみ代 (δ) を与えるたわみ荷重 (Tδ) をもとめてください。

● たわみ荷重 (Tδ) のもとめかた

$$T\delta = \frac{To + \frac{Ls \cdot Y}{Lp}}{16} \quad \left[\begin{array}{l} \text{MXL (MM) 形の場合} \\ T\delta = \frac{To}{16} \end{array} \right]$$

ただし、

Tδ: たわみ荷重 (N)

To: 必要とする初張力 (N) (To max. To min. から Tδ max と Tδ min をもとめてください)

Ls: スパン長さ (mm)

Lp: ベルトピッチ周長 (mm)

Y: ベルトの形による定数 ● (104ページ表35-①, 表35-②)

② たわみ代 (δ) をもとめてください。

● たわみ代 (δ) のもとめかた

$$\delta = \frac{1.6Ls}{100}$$

ただし、

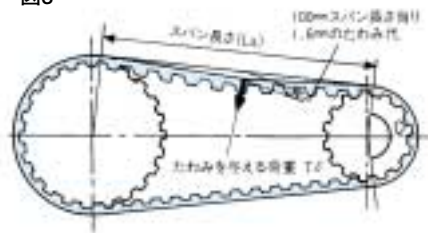
δ: たわみ代 (mm)

Ls: スパン長さ (mm)

④ ベルトに張りと与えてください。

手順②でもとめたたわみ代 (δ) をベルトに与えたときのたわみ荷重 (Tδ) が、Tδ max. と Tδ min. の範囲内に入るようにベルトに張りと与えてください。

図3



2 軸荷重 (F) について

軸荷重とはベルト駆動におけるプーリを取りつけている軸にかかる荷重のことです。

● 静止時軸荷重 (Fs) のもとめかた

$$Fs = 2To \cdot \sin \frac{\theta}{2}$$

$$\theta = 180^\circ - \frac{57.3 (Dp - dp)}{C}$$

ただし、

Fs: 静止時軸荷重 (N)

To: 必要とする初張力 (N)

Dp: 大プーリピッチ径 (mm)

dp: 小プーリピッチ径 (mm)

C: 軸間距離 (mm)

θ: 小プーリの接触角度 (°)

表35-① 初張力ToとY (Gタイプ)

単位: N

| ベルト形 | 初張力To 及びYの値 | ベルト幅(mm) | | 025 | 031 | 037 | 050 | 075 | 100 | 150 | 200 | 300 | 400 | 500 |
|------|----------------|----------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|--------|
| | | 3.2 | 4.8 | 6.4 | 7.9 | 9.5 | 12.7 | 19.1 | 25.4 | 38.1 | 50.8 | 76.2 | 101.6 | 127.0 |
| MXL | To | min | 3.83 | 5.88 | 8.24 | | 12.9 | 18.0 | | | | | | |
| | | max | 6.37 | 9.81 | 13.7 | | 21.6 | 29.9 | | | | | | |
| | Y | | | | | | | | | | | | | |
| XL | To | min | | | 17.7 | 25.5 | 32.4 | 51.0 | 86.3 | 122 | | | | |
| | | max | | | 29.4 | 37.3 | 44.1 | 66.7 | 108 | 152 | | | | |
| | Y | | | 3.8 | 5.4 | 7.6 | 11.8 | 20.6 | 29.4 | | | | | |
| L | To | min | | | | 33.3 | 51.0 | 87.3 | 123 | 191 | 263 | 412 | | |
| | | max | | | | 51.0 | 76.5 | 125 | 175 | 273 | 375 | 587 | | |
| | Y | | | | | 38.2 | 44.1 | 75.5 | 106.9 | 164.8 | 227.5 | 348.1 | | |
| H | To | min | | | | | 130 | 222 | 312 | 487 | 669 | 1050 | 1480 | 1920 |
| | | max | | | | | 175 | 293 | 421 | 646 | 889 | 1390 | 2040 | 2550 |
| | Y | | | | | | 75.5 | 142.2 | 205.0 | 316.8 | 422.7 | 676.7 | 936.5 | 1181.7 |
| XH | To | min | | | | | | | | | 910 | 1430 | 2020 | 2620 |
| | | max | | | | | | | | | 1010 | 1580 | 2240 | 2900 |
| | Y | | | | | | | | | | 846.3 | 1358.2 | 1959.4 | 2530.1 |
| XXH | To | min | | | | | | | | | 1120 | 1750 | 2480 | 3110 |
| | | max | | | | | | | | | 2470 | 3880 | 5510 | 7110 |
| | Y | | | | | | | | | | 1379.8 | 2226.1 | 3160.7 | 4096.2 |

従来単位 (kgf) で設計される場合はSI単位 (N) の数値に0.102を掛けて換算して下さい。

表35-② 初張力ToとY (Uタイプ)

単位: N

| ベルト形 | ベルト幅(mm) | | 3.2 | 4.8 | 5 | 6.4 | 8 | 9.5 | 10 | 12.7 | 15 | 20 | 25 | 30 | 40 | 50 |
|------|------------|-----|------|------|------|------|------|------|-------|------|------|-------|-------|-------|-------|-------|
| | 初張力To及びYの値 | | | | | | | | | | | | | | | |
| T80 | To | min | 3.38 | 5.88 | | 8.23 | | 12.9 | | 18.0 | | | | | | |
| | | max | 6.37 | 9.8 | | 13.7 | | 21.6 | | 29.9 | | | | | | |
| | Y | | | | | | | | | | | | | | | |
| T5 | To | min | | | 9.8 | | 19.8 | | 24.5 | | 39.2 | 59.9 | | | | |
| | | max | | | 14.7 | | 29.7 | | 37.3 | | 58.8 | 85.3 | | | | |
| | Y | | | 6.9 | | 12.7 | | 16.7 | | 26.5 | 38.2 | | | | | |
| T10 | To | min | | | | | | | 68.7 | | 108 | 157 | 196 | 245 | 333 | 422 |
| | | max | | | | | | | 103.0 | | 162 | 235 | 294 | 363 | 500 | 628 |
| | Y | | | | | | | | 46.1 | | 71.6 | 104.9 | 130.4 | 163.8 | 222.6 | 281.5 |

UタイプのXL形、L形については表35-①をご使用ください。

従来単位 (kgf) で設計される場合はSI単位 (N) の数値に0.102を掛けて換算して下さい。

■軸間距離固定の場合

軸間距離固定の場合はベルト長さ公差によってベルトの張りが変わりますので、当社へお問い合わせください。

■ベルト多本掛けの場合

タイミングベルトは多本掛けでもちることができます。しかし、長さを正確に合わせなければ電動効率が悪く、早期に切断することがあります。ベルトを多本掛けとしてご使用の場合には、当社のマッチドセット (長さをそろえたベルト) を必ずご指定ください。

●表35-①、②、のToの値はベルトの最大伝動動力をフルに使うようベルト幅を決定した場合の値であり、ベルト幅に余裕をもたせた場合、その率に応じてToを小さくしてもさしつかえありません。

B プーリアライメント (軸の平行度)

タイミングベルトを駆動させたとき、ベルトはプーリの中央部で回転することなくどちらか一方に片寄ります。従ってプーリからはずれないように必ずプーリフランジを取り付けてください。もし、軸の平行度 (プーリアライメント) が悪い場合、ベルトはプーリフランジに強く押しつけられ、側

面が著しく摩耗・破損するだけでなく、フランジに乗り上げて切断されることもあります。(フランジ取付けは、ページ107をご参照ください。)

タイミングベルトのプーリアライメントは、下記の公差内にて調整してください。

表36 軸の平行度の公差

| ベルト幅 | 10mm | 20mm | 20mm以上 |
|----------|-----------------|-----------------|-----------------|
| 平行度 | $\frac{1}{200}$ | $\frac{1}{400}$ | $\frac{1}{600}$ |
| θ | 17' | 9' | 6' |

㉓ アイドラプーリの使用

イドラプーリの使用は、次のように機能上やむをえない場合のみとしてください。使用する場合には、両軸とのプーリアライメントを正確に行ってください。

- 軸間距離が固定の場合（なるべく内側イドラプーリをご使用ください。）
- 回転比が大きく、少プーリのかみあい歯数を増したい場合

① 内側イドラプーリを使用する場合

内側イドラプーリは最小プーリ径以上をお使いください。

- アイドラプーリは必ずゆるみ側に付け、大プーリに近い位置にしてください。
- アイドラプーリは歯付プーリをご使用ください。

② たわみ代(δ)をもとめてください。

外側イドラプーリは最小プーリ径の2割増以上をお使いください。

- アイドラプーリは小プーリに近い位置に取りつけてください。
- ベルトの曲げ角度は140°以上にしてください。
- アイドラプーリはクラウンのない平プーリをご使用ください。
- Uタイプはできる限り外側イドラの使用を避けてください。

図5-a

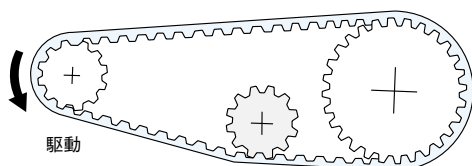
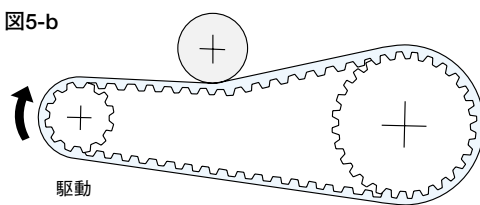


図5-b



㉔ プーリについて

タイミング伝動は、精度のすぐれたベルトとプーリが正確、かつ円滑にかみあうことによりその威力を発揮します。

① プーリの加工

● 標準プーリ軸穴の後加工

プーリ軸穴を追加加工する場合には、プーリ外径（歯部）を基準としてください。この時、プーリ歯面に傷をつけないようにご注意ください。

② 標準外タイミングプーリ

ご要望に応じて各種形状、材質のタイミングプーリを製作します。プーリ設計の際には次の点に留意して下さい。

OD:プーリ外径 M :フランジ内径
W :プーリ幅 F :フランジ外径
H :フランジ段幅

● 歯切加工のみご要望の場合

支給いただく素材について次の点にご留意ください。

- ① プーリ外径は、トッピング加工（歯形仕上げ）を行ないますので、規定外径の最大値に対して下表のトッピング代をつけてください。
- ② 軸穴寸法はできるかぎり8mm以上にしてください。
- ③ 軸穴と外径の振れは、3/100mm以下にしてください。
- ④ 面振れは、3/100mm以下にしてください。
- ⑤ 荷造・梱包するとき、プーリに傷をつけないよう十分にご注意ください。

プーリ外径トッピング代

| 仕上り外径寸法(mm) | トッピング代(mm) |
|-------------|------------|
| 150以下 | 0.4 |
| 150をこえ250以下 | 0.6 |
| 250をこえ350以下 | 0.8 |
| 350をこえ450以下 | 1.0 |
| 450をこえ700以下 | 1.2 |
| 700をこえる | 1.5 |

③プーリ寸法精度

プーリの寸法精度については、ベルト機能を十分に発揮させるために、次の寸法精度のプーリをご使用ください。

表37 プーリ外径許容公差 (単位:mm)

| ベルト形 | プーリ外径寸法 | 許容公差 |
|-----------------|------------------|--------------|
| タイミングベルト 全形式 | 25.4以下 | $+0.05$ 0 |
| | 25.4をこえて50.8以下 | $+0.08$ 0 |
| | 50.8をこえて101.6以下 | $+0.10$ 0 |
| | 101.6をこえて177.8以下 | $+0.13$ 0 |
| | 177.8をこえて304.8以下 | $+0.15$ 0 |
| | 304.8をこえて508.0以下 | $+0.18$ 0 |
| | 508.0をこえて762.0以下 | $+0.20$ 0 |
| タイミングT5・T10 | 762.0をこえるもの | $+0.23$ 0 |
| | 全寸法 | ±0.05 |

表38 外径の円筒度 (単位:mm)

| プーリ幅 | 公差 |
|-------------|------|
| 19以下 | 0.01 |
| 19をこえて 45以下 | 0.02 |
| 45をこえて 94以下 | 0.04 |
| 94をこえて150以下 | 0.06 |

表39 歯と軸穴中心線との平行度 (単位:mm)

| プーリ幅 | 公差 |
|-------------|------|
| 45以下 | 0.03 |
| 45をこえて 94以下 | 0.04 |
| 94をこえて100以下 | 0.05 |

表40 キー溝寸法公表

| 適用軸径 (d) | キー寸法 | 溝高さ (h) ・許容差 | 溝寸法 (b) ・許容差・JS9 |
|-----------|--------|-----------------|------------------|
| 6をこえ 8以下 | 2× 2 | 1.0 $+0.1$ 0 | 2±0.0125 |
| 8をこえ10以下 | 3× 3 | 1.4 $+0.1$ 0 | 3±0.0125 |
| 10をこえ12以下 | 4× 4 | 1.8 $+0.1$ 0 | 4±0.0150 |
| 12をこえ17以下 | 5× 5 | 2.3 $+0.1$ 0 | 5±0.0150 |
| 17をこえ22以下 | 6× 6 | 2.8 $+0.1$ 0 | 6±0.0150 |
| 22をこえ30以下 | 8× 7 | 3.3 $+0.2$ 0 | 8±0.0180 |
| 30をこえ38以下 | 10× 8 | 3.3 $+0.2$ 0 | 10±0.0180 |
| 38をこえ44以下 | 12× 8 | 3.3 $+0.2$ 0 | 12±0.0215 |
| 44をこえ50以下 | 14× 9 | 3.8 $+0.2$ 0 | 14±0.0215 |
| 50をこえ58以下 | 16× 10 | 4.3 $+0.2$ 0 | 16±0.0215 |
| 58をこえ65以下 | 18× 11 | 4.4 $+0.2$ 0 | 18±0.0215 |

●材質

軽負荷伝動用に軟質、注型品等も可能ですが伝動負荷、耐摩耗寿命等に充分ご注意ください。タイミングプーリとしては次のような材質が一般的です。

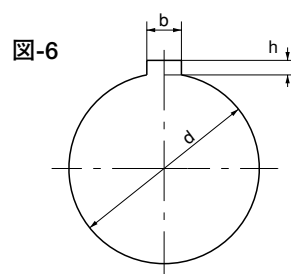
| | |
|--------|-------------------|
| アルミニウム | A2017, A5056 |
| プラスチック | ポリアセタール |
| ダイカスト | ADC, ZDC |
| 焼結合金 | SMF-4030 |
| 鋼材 | SS400, S25C, S45C |
| 鋳鉄 | FC25. |

表41 軸穴に対する外径の振れ

| プーリ外径寸法 (mm) | 振れの公差 (TIR) |
|--------------|--|
| 203.2以下 | 0.13mm以下 |
| 203.2をこえるもの | 0.13mmに外径203.2mmを越えた分につき1mmあたり、0.0005mmを加える。 |

表42 軸穴に対するプーリ側面の振れ

| プーリ外径寸法 (mm) | 振れの公差 (TIR) |
|------------------|--|
| 101.6以下 | 0.1mm以下 |
| 101.6をこえて254.0以下 | 外径100mmあたり0.1mm以下 |
| 254.0をこえるもの | 0.25mmに外径254.0mmを越えた分につき1mmあたり、0.0005mmを加える。 |



キー溝加工をご希望のときは、寸法および公差を明確にご指示ください。ご指示のない場合は上表の公差で加工します。

●加工上の注意

一般公差・・・特にご指示の無い限り、JIS切削加工粗級または中級に行います。
 テーパー加工・・・ゲージが必要です。
 タップ加工・・・歯切り部に加工の時ご指定無き場合は、原則として歯溝中心に加工致します。尚、ベルトに損傷を与える恐れがありますのでバリ、カエリを充分に取って下さい。



④ プーリフランジ

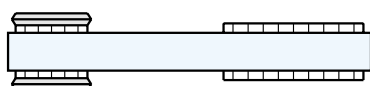
タイミングプーリは、一般に平プーリのようなクラウン（中高）をつけませんので、軸の平行度、ベルトの回転によってベルトは片寄ってきます。そこで

● 水平軸の場合

- ① 軸間距離が、小プーリ径の8倍以上の場合（図7-a）、小プーリに両フランジをつけてください。当社標準プーリA、B、C形にはフランジがついています。

図7-a

（平面図）

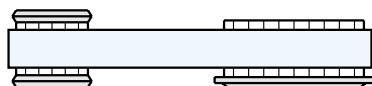


● 垂直軸の場合

- ① ベルトの自重によりベルトが下側にはずれやすいので、すべてのプーリの下側にはフランジをつけてください。

図8

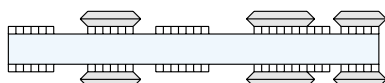
（正面図）



● 多軸伝動の場合

- ① プーリの1個おきに両フランジをつけてください。

図9-a



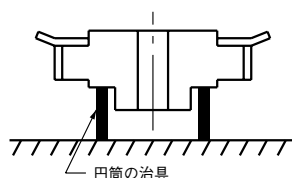
④ フランジの取り付け

- カシメポンチを使用し、図10の要領で平らな盤上にプーリを置き、カシメてください。
- ボスと反対側をカシメルときは、不安定な状態になりますので11のように円筒形のパイプ等にボス部を挿入すれば安定してカシメやすくなります。
- プーリのフランジハメ合部に異物等が付着していると、プーリとフランジとの間にすき間ができますのでご注意ください。
- フランジの傾きを防止する意味で対角の順序でカシメていただきます。
- 焼く結プーリをカシメるときは、強く打たないようにご注意ください。

図10



図11

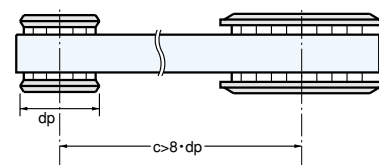


ベルトがプーリからはずれないようにプーリ側面にフランジをつけます。

- ② 軸間距離が、小プーリ径の8倍より小さい場合（図7-b）、両方のプーリに両フランジをつけてください。

図7-b

（平面図）



- ② または、すべてのプーリの片面の交互にフランジをつけてください。

図9-b

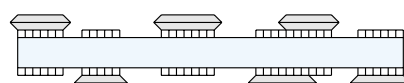
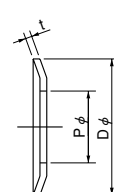


表43 カシメ数

| プーリ径 (mm) | カ シ メ 数 |
|-----------|---------|
| 30以下 | 4カ所 |
| 31～50 | 6 〃 |
| 51～80 | 8 〃 |
| 81～150 | 10 〃 |
| 151～以上 | 12 〃 |

● フランジの呼称

図12



〈例〉

F - 10 26 16

フランジ内径d=16mm
フランジ外径D=26mm
フランジ厚みt=1.0mm
フランジを表わす

⑤ フランジ品番と適用プーリ歯数

表44-① プレス成形フランジ(厚み1.0mm)

型式および歯数により下表のプレス成形フランジをご使用下さい。

| フランジ品番 | フランジ寸法 (mm) | | 適用型式および歯数 | | | | | |
|----------|-------------|----|---------------------------------|----------|------------------------------------|------------------|----------|------------------------------------|
| | 外径 | 内径 | MXL | XL | L | H | T5 | T10 |
| F-101811 | 18 | 11 | 20 21 22 | | | 厚み1.6mmをご使用ください。 | | |
| F-102012 | 20 | 12 | 23 24 | | | | | |
| F-102312 | 23 | 12 | 25 26 | 10 | | | 11 12 | |
| F-102313 | 23 | 13 | 27 28 29 30 | | | | | |
| F-102513 | 25 | 13 | | 11 | | | | |
| F-102514 | 25 | 14 | 31 | 12 13 | | | 13 | |
| F-102616 | 26 | 16 | 32 33 34 35 | | | | 14 | |
| F-102818 | 28 | 18 | 36 37 38 39 | 14 15 | | | 15 16 | |
| F-103120 | 31 | 20 | 40 41 42 | 16 | | | 17 18 | |
| F-103322 | 33 | 22 | 43 44 45 46 | 17 18 | | | 19 | |
| F-103522 | 35 | 22 | 47 48 49 50 | 19 | 10 | | 20 | 10 |
| F-103826 | 38 | 26 | 51 52 53 54 | 20 21 | 11 | | 21 | 11 |
| F-104028 | 40 | 28 | 55 56 57 58 | | | | 22 23 | |
| F-104328 | 43 | 28 | | 22 23 | 12 | | 24 25 | 12 |
| F-104432 | 44 | 32 | 59 60 61 62 63 | 24 25 | 13 | | | 13 |
| F-104734 | 47 | 34 | 64 65 66 67 | 26 | 14 | | 26 27 | 14 |
| F-104836 | 48 | 36 | 68 69 70 | 27 28 | 15 歯以下のプーリは 厚み1.6mmをご使用ください。 | 厚み1.6mmをご使用ください。 | 28 | 15 歯以下のプーリは 厚み1.6mmをご使用ください。 |
| F-105136 | 51 | 36 | 71 72 73 74 75 | 29 | | | 29 30 | |
| F-105441 | 54 | 41 | 76 77 78 79 | | | | 31 32 | |
| F-105539 | 55 | 39 | | 30 | | | | |
| F-105741 | 57 | 41 | 80 81 82 83 | 31 32 33 | | | 33 | |
| F-106141 | 61 | 41 | 84 85 86 87 88 89 90 | 34 35 36 | | | 34 35 36 | |
| F-106550 | 65 | 50 | 91 92 93 94 95 | 37 38 | | | 37 38 | |
| F-106950 | 69 | 50 | 96 97 98 99 100 101 102 | 39 40 | | | 39 40 41 | |
| F-107453 | 74 | 53 | 103 104 105 106 107 108 109 110 | 41 42 43 | | | 42 43 44 | |
| F-107858 | 78 | 58 | 111 112 113 114 115 | 44 45 | | | 45 46 47 | |

●プーリ本体のフランジ嵌込部の段は2mmにしてください。

●フランジ材質はA[®]・SPCCがありますが、標準としてはMXL形:A[®]、その他はSPCCです。

表44-② プレス成形フランジ(厚み1.6mm) 型式および歯数により下表のプレス成形フランジをご使用ください。

| フランジ | フランジ寸法 (mm) | | 適用形式および歯数 | | | | | |
|------------|-------------|-----|---|--|----------|-------|--|-------|
| | 外径 | 内径 | MXL | XL | L | H | T5 | T10 |
| F-165136 | 51 | 36 | 115 歯以下のプーリは 厚み1.0mmをご使用 ください。 | 45 歯以下のプーリは 厚み1.0mmをご使用 ください。 | 15 | | 47 歯以下のプーリは 厚み1.0mmをご使用 ください。 | 15 |
| F-165441 | 54 | 41 | | | | | | |
| F-165539 | 55 | 39 | | | 16 | | | |
| F-165741 | 57 | 41 | | | 17 | | | 16 |
| F-166141 | 61 | 41 | | | 18 | 14 | | 17 18 |
| F-166550 | 65 | 50 | | | 19 20 | 15 | | 19 |
| F-166950 | 69 | 50 | | | 21 | 16 | | 20 |
| F-167453 | 74 | 53 | | | 22 23 | 17 | | 21 22 |
| F-167858 | 78 | 58 | | | 24 | 18 | | 23 |
| *F-168363 | 83 | 63 | 116 117 118 | 46 47 | 25 | 19 | 48 49 50 | 24 |
| *F-168666 | 86 | 66 | 119 120 | 48 49 50 | 26 27 | 20 | 51 52 | 25 26 |
| F-169073 | 90 | 73 | | 51 52 | | 21 | 53 54 | 27 |
| F-169375 | 93 | 75 | | 53 54 55 | 28 29 | 22 | 55 56 | 28 |
| F-169978 | 99 | 78 | | 56 57 58 59 | 30 31 | 23 | 57 58 59 60 | 29 30 |
| F-1610584 | 105 | 84 | | 60 61 62 63 | 32 | 24 | 61 62 63 | 31 32 |
| F-1610884 | 108 | 84 | | | 33 | 25 | 64 65 | |
| F-1611290 | 112 | 90 | | 64 65 | 34 35 | 26 | 66 67 | 33 34 |
| F-1611590 | 115 | 90 | | 66 67 68 | 36 | 27 | 68 69 70 | 35 |
| F-1611890 | 118 | 90 | | 69 70 71 | 37 | 28 | 71 72 | 36 |
| F-16126100 | 126 | 100 | | 72 73 74 75 | 38 39 40 | 29 30 | 73 74 75 76 77 | 37 38 |
| F-16131101 | 131 | 101 | | 76 77 78 79 | 41 42 | 31 | 78 79 80 | 39 40 |
| F-16136118 | 136 | 118 | | 80 | 43 | 32 | 81 82 83 | 41 |
| F-16138125 | 138 | 125 | | 81 82 83 | 44 | 33 | 84 85 | 42 |
| F-16146128 | 146 | 128 | | 84 85 86 87 | 45 46 | 34 35 | 86 87 88 89 | 43 44 |
| F-16152134 | 152 | 134 | | 88 89 90 91 | 47 48 | 36 | 90 91 92 | 45 46 |
| F-16159141 | 159 | 141 | | | 49 50 | 38 | | 47 48 |
| F-16168150 | 168 | 150 | | | | 40 | | |

●プーリ本体のフランジ嵌込部の段は2.5mmにしてください。

●フランジ材質はSPCCです。但し*印MXL形はF-108666・F-108666でA[®]材です。

E ベルトについて

① ベルトの取り扱い

- ベルトはきつく折り曲げないでください。
- 曲りぐせがつきますので、積み重ねたり、きつく折り曲げた状態での保管は避けてください。
- 極端な高温、多湿なところでの保管は避けてください。
- 油、酸、アルカリ、紫外線、オゾン等に直接触れさせることは避けてください。

② ベルトの取り付け

- ベルトを取りつける場合や、保守点検の時には必ず電源を切り、機械の完全停止状態を確認したうえで作業を行ってください。
- ベルトの取り付けは
 - ◆ 軸間距離をせばめる。
 - ◆ テンションプーリをゆるめる。
 - ◆ フランジをはずす。のいずれかを行ってから、絶対に無理なコジ入れをせずにベルトを取りつけて、プーリアラメントを調整してください。
- ベルトをはめ込む時には、ベルトやプーリに油が付着しないようにご注意ください。
- ベルトの張り調整を行ってください。

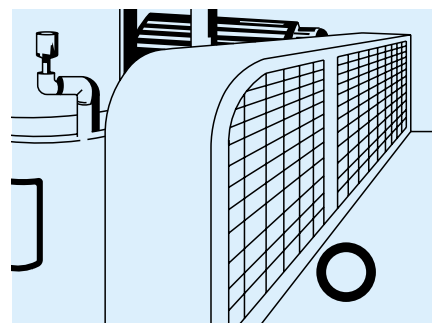
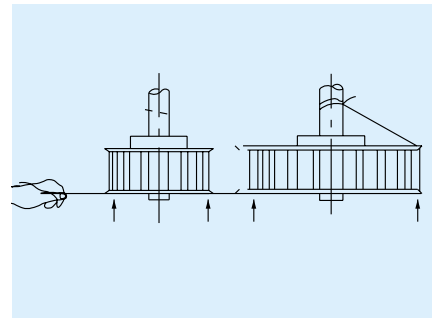
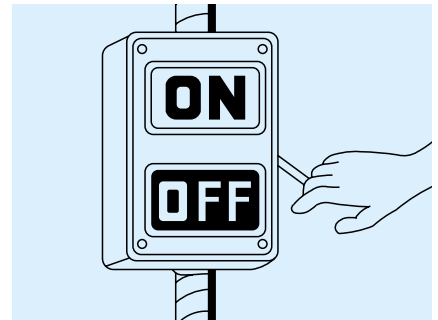
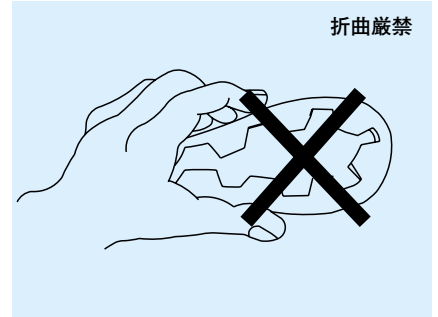
③ ベルトの運転

- 走行時は安全カバーを必ず設置してください。
- 異物のかみ込みを防止してください。
運転中に固形物がかみ込みますと、ベルトを傷つけるばかりでなく、ベルトとプーリのかみあいを悪くし、場合によってはベルトがプーリの歯に乗り上がり切斷することがあります。また、ベルトに水や油、その他、化学薬品などがかからないようにご注意ください。
- カバーは完全密封をしますと、ベルトの放熱を妨げ耐久力を減少させますので、通気性を十分に考慮してください。
- カバーの強度、環境温度による変化にもご注意ください。
- 油の付着を避けてください。

ゴムタイミングベルトに油が付着しますと、ベルトが膨張し、ベルトの寿命が著しく短くなります。特に溶剤系のものにはご注意ください。

- 少量の潤滑油やグリースが付着する程度でしたら、それほど問題ではありません。
ポリウレタンタイミングベルトに水溶性の油がかかると、心線のスチールコードに錆をきたし、ベルトの寿命を短くさせる場合がありますのでご注意ください。
- 多湿下での使用は避けてください。
- 通気性のよい安全カバーを取りつけてください。
- 高温（80℃）でご使用の場合は、ベルトの寿命が著しく短くなりますので、耐熱仕様をご用命ください。

折曲厳禁



F 軸間距離早見表

● 軸間距離 (C) のもとめかた

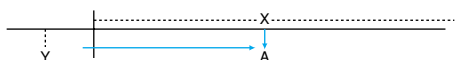
① 横欄にベルト歯数 (Z_B) と小プーリー歯数 (Z_d) の差 (X) をもとめる。

$$X = Z_B - Z_d$$

② 縦欄に大プーリー歯数 (Z_D) と小プーリー歯数 (Z_d) の差 (Y) をもとめる。

$$Y = Z_D - Z_d$$

③ 早見表の X と Y の交点の数値 (A) を求める。



④ 数値 (A) にベルト単一ピッチをかける。軸間距離 (C) = $A \times$ ベルト単一ピッチ

(表47、表48)

表45 ベルト単一ピッチ

| ベルト形 | MXL(T80) | XL | L | H | XH | XXH | T5 | T10 |
|----------|----------|------|-------|-------|--------|--------|-----|------|
| ベルト単一ピッチ | 2.032 | 5.08 | 9.525 | 12.70 | 22.225 | 31.750 | 5.0 | 10.0 |

● もとめかたの例

● T10形ベルトの場合 (ベルトの単一ピッチ10mm)

$$\begin{aligned} \text{ベルト歯数 } Z_B &= 100 & X &= 100 - 20 = 80 \\ \text{小プーリー歯数 } Z_d &= 20 & Y &= 45 - 20 = 25 \\ \text{大プーリー歯数 } Z_D &= 45 & \text{XYの交点 } A &= 33.514\text{mm} \\ & & \text{軸間距離 } C &= 33.514 \times 10 = 333.14\text{mm} \end{aligned}$$

● H形ベルトの場合 (ベルトの単一ピッチ12.700mm)

$$\begin{aligned} \text{ベルト歯数 } Z_B &= 90 & X &= 90 - 24 = 66 \\ \text{小プーリー歯数 } Z_d &= 24 & Y &= 60 - 24 = 36 \\ \text{大プーリー歯数 } Z_D &= 60 & \text{XYの交点 } A &= 23.392\text{mm} \\ & & \text{軸間距離 } C &= 23.392 \times 12.7 = 295.81\text{mm} \end{aligned}$$

表46 軸間距離早見表

| Y \ X | | Y=Z ₀ —Z _d | | | | | | | | | | | | | | | |
|----------------------------------|----|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | |
| Y=Z ₀ —Z _d | 1 | 3.247 | 3.747 | 4.248 | 4.748 | 5.248 | 5.748 | 6.248 | 6.749 | 7.249 | 7.749 | 8.249 | 8.749 | 9.249 | 9.749 | 10.249 | |
| | 2 | | 3.386 | 3.988 | 4.489 | 4.990 | 4.491 | 5.992 | 6.493 | 6.993 | 7.494 | 7.994 | 8.495 | 8.995 | 9.495 | 9.995 | |
| | 3 | | | 3.720 | 4.223 | 4.726 | 5.229 | 5.731 | 6.232 | 6.734 | 7.235 | 7.736 | 8.237 | 8.737 | 9.235 | 9.739 | |
| | 4 | | | | 3.949 | 4.455 | 4.960 | 5.463 | 5.966 | 6.469 | 6.971 | 7.473 | 7.975 | 8.477 | 8.978 | 9.479 | |
| | 5 | | | | | 4.174 | 4.682 | 5.189 | 5.694 | 6.199 | 6.703 | 7.206 | 7.709 | 8.212 | 8.714 | 9.216 | |
| | 6 | | | | | | | 4.396 | 4.907 | 5.416 | 5.923 | 6.429 | 6.934 | 7.439 | 7.943 | 8.446 | 8.949 |
| | 7 | | | | | | | | 4.615 | 5.128 | 5.640 | 6.149 | 6.657 | 7.164 | 7.669 | 8.174 | 8.679 |
| | 8 | | | | | | | | 4.311 | 4.831 | 5.348 | 5.861 | 6.373 | 6.882 | 7.391 | 7.898 | 8.404 |
| | 9 | | | | | | | | | 4.521 | 5.045 | 5.565 | 6.080 | 6.594 | 7.106 | 7.615 | 8.124 |
| | 10 | | | | | | | | | | 4.730 | 5.257 | 5.779 | 6.298 | 6.814 | 7.327 | 7.838 |
| | 11 | | | | | | | | | | | 4.936 | 5.467 | 5.993 | 6.514 | 7.031 | 7.546 |
| | 12 | | | | | | | | | | | | 5.141 | 5.676 | 6.204 | 6.728 | 7.247 |
| | 13 | | | | | | | | | | | | | 5.345 | 5.883 | 6.414 | 6.940 |
| | 14 | | | | | | | | | | | | | | 5.547 | 6.088 | 6.622 |
| | 15 | | | | | | | | | | | | | | | 5.747 | 6.292 |
| | 16 | | | | | | | | | | | | | | | | 5.946 |

| Y \ X | | Y=Z _B −Z _d | | | | | | | | | | | | | | |
|----------------------------------|----|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| Y=Z _D −Z _d | 1 | 10.749 | 11.249 | 11.749 | 12.249 | 12.749 | 13.250 | 13.750 | 14.250 | 14.750 | 15.250 | 15.750 | 16.250 | 16.750 | 17.250 | 17.750 |
| | 2 | 10.496 | 10.996 | 11.496 | 11.996 | 12.496 | 12.997 | 13.497 | 13.997 | 14.497 | 14.997 | 15.497 | 15.997 | 16.479 | 16.997 | 17.498 |
| | 3 | 10.239 | 10.481 | 11.240 | 11.741 | 12.241 | 12.997 | 13.242 | 13.742 | 14.242 | 14.743 | 15.243 | 15.743 | 16.243 | 16.744 | 17.244 |
| | 4 | 9.980 | 10.219 | 10.982 | 11.483 | 11.984 | 12.484 | 12.985 | 13.485 | 13.986 | 14.486 | 14.987 | 15.487 | 15.988 | 16.488 | 16.989 |
| | 5 | 9.718 | 10.740 | 10.721 | 11.222 | 11.723 | 12.225 | 12.726 | 13.227 | 13.727 | 14.228 | 14.729 | 15.230 | 15.730 | 16.231 | 16.731 |
| | 6 | 9.452 | 9.955 | 10.475 | 10.959 | 11.416 | 11.962 | 12.646 | 12.965 | 13.467 | 13.968 | 14.469 | 14.970 | 15.471 | 15.972 | 16.473 |
| | 7 | 9.183 | 9.686 | 10.190 | 10.692 | 11.195 | 11.697 | 12.200 | 12.702 | 13.203 | 13.705 | 14.207 | 14.708 | 15.210 | 15.711 | 16.212 |
| | 8 | 8.909 | 9.414 | 9.919 | 10.423 | 10.926 | 11.429 | 11.932 | 12.435 | 12.938 | 13.440 | 13.932 | 14.444 | 14.946 | 15.448 | 15.950 |
| | 9 | 8.631 | 9.138 | 9.644 | 10.149 | 10.654 | 11.158 | 11.662 | 12.166 | 12.669 | 13.173 | 13.675 | 14.178 | 14.681 | 15.183 | 15.685 |
| | 10 | 8.348 | 8.857 | 9.365 | 9.872 | 10.378 | 10.884 | 11.389 | 11.894 | 12.398 | 12.902 | 13.406 | 13.909 | 14.413 | 14.916 | 15.418 |
| | 11 | 8.060 | 8.571 | 9.081 | 9.590 | 10.098 | 10.606 | 11.112 | 11.618 | 12.124 | 12.629 | 13.134 | 13.638 | 14.142 | 14.646 | 15.149 |
| | 12 | 7.764 | 8.279 | 8.792 | 9.304 | 9.814 | 10.323 | 10.832 | 11.339 | 11.846 | 12.353 | 12.858 | 13.364 | 13.869 | 14.373 | 14.878 |
| | 13 | 7.462 | 7.961 | 8.492 | 9.304 | 9.525 | 10.036 | 10.547 | 11.056 | 11.565 | 12.073 | 12.585 | 13.087 | 13.593 | 14.098 | 14.604 |
| | 14 | 7.150 | 7.675 | 8.196 | 9.012 | 9.230 | 9.745 | 10.258 | 10.769 | 11.280 | 11.789 | 12.298 | 12.806 | 13.314 | 13.820 | 14.327 |
| | 15 | 6.829 | 7.360 | 7.886 | 8.714 | 8.929 | 9.447 | 9.963 | 10.477 | 10.990 | 11.502 | 12.012 | 12.522 | 13.031 | 13.539 | 14.047 |
| | 16 | 6.495 | 7.034 | 7.568 | 8.622 | 8.622 | 9.144 | 9.663 | 10.180 | 10.696 | 11.210 | 11.723 | 12.234 | 12.745 | 13.255 | 13.764 |
| | 17 | 6.145 | 6.696 | 7.239 | 8.097 | 8.306 | 8.833 | 9.356 | 9.878 | 10.396 | 10.913 | 11.429 | 11.943 | 12.455 | 12.967 | 13.478 |
| | 18 | | 6.342 | 6.896 | 7.775 | 7.981 | 8.514 | 9.043 | 9.568 | 10.091 | 10.611 | 11.129 | 11.646 | 12.161 | 12.675 | 13.188 |
| | 19 | | | 6.537 | 7.442 | 7.644 | 8.185 | 8.720 | 9.251 | 9.779 | 10.303 | 10.825 | 11.345 | 11.863 | 12.379 | 12.894 |
| | 20 | | | | 7.095 | 7.294 | 7.845 | 8.388 | 8.929 | 9.459 | 9.988 | 10.515 | 11.038 | 11.559 | 12.079 | 12.596 |
| | 21 | | | | 6.732 | | | | | | | | | | | |
| | 22 | | | | | 6.927 | 7.491 | 8.045 | 8.591 | 9.131 | 9.666 | 10.205 | 10.725 | 11.250 | 11.773 | 12.293 |
| | 23 | | | | | 6.348 | 6.538 | 7.120 | 7.688 | 8.231 | 8.793 | 9.335 | 9.873 | 10.406 | 10.935 | 11.461 |
| | 24 | | | | | | | 6.727 | 7.313 | 7.884 | 8.443 | 8.994 | 9.539 | 10.078 | 10.613 | 11.144 |
| | 25 | | | | | | | | 6.915 | 7.505 | 8.079 | 8.641 | 9.195 | 9.742 | 10.282 | 10.819 |
| | 26 | | | | | | | | | 7.103 | 7.697 | 8.273 | 8.839 | 9.395 | 9.943 | 10.486 |
| | 27 | | | | | | | | | | 7.291 | 7.877 | 8.439 | 8.995 | 9.543 | 10.086 |
| | 28 | | | | | | | | | | | 7.477 | 8.039 | 8.595 | 9.143 | 9.691 |
| | 29 | | | | | | | | | | | | 8.225 | 8.781 | 9.329 | 9.877 |
| | 30 | | | | | | | | | | | | | 8.468 | 9.016 | 9.564 |

軸間距離早見表

| Y | | X | X=Z _B -Z _d | | | | | | | | | | | | | |
|----------------------------------|----|--------|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| Y=Z ₀ -Z _d | 1 | 18.249 | 18.749 | 19.249 | 19.749 | 20.249 | 20.749 | 21.249 | 21.749 | 22.249 | 22.749 | 23.249 | 23.749 | 24.249 | 24.749 | 25.249 |
| | 2 | 17.997 | 18.497 | 18.997 | 19.497 | 19.997 | 20.498 | 20.998 | 21.498 | 21.998 | 22.498 | 22.998 | 23.498 | 23.998 | 24.498 | 24.998 |
| | 3 | 17.744 | 18.244 | 18.744 | 19.244 | 19.744 | 20.244 | 20.745 | 21.245 | 21.745 | 22.245 | 22.745 | 23.245 | 23.745 | 24.245 | 24.745 |
| | 4 | 17.488 | 17.989 | 18.489 | 18.989 | 19.490 | 19.990 | 20.490 | 20.990 | 21.491 | 21.991 | 22.491 | 22.991 | 23.491 | 23.992 | 24.492 |
| | 5 | 17.232 | 17.732 | 18.233 | 18.733 | 19.234 | 19.734 | 20.234 | 20.735 | 21.235 | 21.735 | 22.236 | 22.736 | 23.236 | 23.737 | 24.237 |
| | 6 | 16.973 | 17.474 | 17.975 | 18.475 | 18.976 | 19.477 | 19.977 | 20.478 | 20.978 | 21.479 | 21.979 | 22.480 | 22.980 | 23.481 | 23.981 |
| | 7 | 16.713 | 17.214 | 17.715 | 18.216 | 18.717 | 19.218 | 19.719 | 20.219 | 20.720 | 21.221 | 21.721 | 22.222 | 22.723 | 23.223 | 23.724 |
| | 8 | 16.451 | 16.952 | 17.454 | 17.955 | 18.456 | 18.957 | 19.458 | 19.959 | 20.460 | 20.961 | 21.462 | 21.963 | 22.464 | 22.965 | 23.466 |
| | 9 | 16.187 | 16.689 | 17.190 | 17.692 | 18.194 | 18.695 | 19.197 | 19.698 | 20.199 | 20.700 | 21.202 | 21.703 | 22.204 | 22.705 | 23.206 |
| | 10 | 15.920 | 16.423 | 16.925 | 17.427 | 17.929 | 18.431 | 18.933 | 19.435 | 19.936 | 20.438 | 20.940 | 21.441 | 21.942 | 22.444 | 22.945 |
| | 11 | 15.652 | 16.155 | 16.658 | 17.161 | 17.663 | 18.166 | 18.668 | 19.170 | 19.672 | 20.174 | 20.676 | 21.178 | 21.679 | 22.181 | 22.682 |
| | 12 | 15.381 | 15.885 | 16.389 | 16.892 | 17.395 | 17.898 | 18.401 | 18.904 | 19.406 | 19.908 | 20.411 | 20.913 | 21.415 | 21.917 | 22.419 |
| | 13 | 15.108 | 15.613 | 16.117 | 16.621 | 17.125 | 17.629 | 18.132 | 18.635 | 19.138 | 19.641 | 20.144 | 20.646 | 21.149 | 21.651 | 22.153 |
| | 14 | 14.833 | 15.338 | 15.843 | 16.348 | 16.853 | 17.357 | 17.861 | 18.365 | 18.868 | 19.372 | 19.875 | 20.378 | 20.881 | 21.384 | 21.887 |
| | 15 | 14.554 | 15.061 | 15.567 | 16.073 | 16.578 | 17.083 | 17.588 | 18.092 | 18.597 | 19.101 | 19.605 | 20.108 | 20.612 | 21.115 | 21.618 |
| | 16 | 14.273 | 14.781 | 15.288 | 15.795 | 16.301 | 16.807 | 17.313 | 17.818 | 18.323 | 18.828 | 19.332 | 19.837 | 20.341 | 20.844 | 21.348 |
| | 17 | 13.988 | 14.498 | 15.006 | 15.514 | 16.022 | 16.529 | 17.035 | 17.541 | 18.047 | 18.553 | 19.058 | 19.563 | 20.068 | 20.572 | 21.076 |
| | 18 | 13.700 | 14.211 | 14.721 | 15.231 | 15.739 | 16.247 | 16.755 | 17.262 | 17.769 | 18.275 | 18.782 | 19.287 | 19.793 | 20.298 | 20.803 |
| | 19 | 13.409 | 13.922 | 14.433 | 14.944 | 15.454 | 15.964 | 16.472 | 16.981 | 17.489 | 17.996 | 18.503 | 19.009 | 19.516 | 20.022 | 20.527 |
| | 20 | 13.114 | 13.628 | 14.142 | 14.654 | 15.166 | 15.677 | 16.187 | 16.697 | 17.206 | 17.714 | 18.222 | 18.730 | 19.237 | 19.743 | 20.250 |
| | 21 | 12.814 | 13.331 | 13.847 | 14.361 | 14.875 | 15.387 | 15.899 | 16.410 | 16.920 | 17.430 | 17.939 | 18.447 | 18.955 | 19.463 | 19.970 |
| | 22 | 12.510 | 13.030 | 13.548 | 14.064 | 14.580 | 15.094 | 15.607 | 16.120 | 16.631 | 17.142 | 17.653 | 18.162 | 18.672 | 19.180 | 19.689 |
| | 23 | 12.201 | 12.723 | 13.244 | 13.763 | 14.281 | 14.797 | 15.312 | 15.827 | 16.340 | 16.852 | 17.364 | 17.875 | 18.386 | 18.895 | 19.405 |
| | 24 | 11.886 | 12.412 | 12.936 | 13.458 | 13.978 | 14.497 | 15.014 | 15.530 | 16.045 | 16.559 | 17.073 | 17.585 | 18.097 | 18.608 | 19.118 |
| | 25 | 11.566 | 12.096 | 12.623 | 13.148 | 13.671 | 14.192 | 14.712 | 15.230 | 15.747 | 16.263 | 16.778 | 17.292 | 17.805 | 18.318 | 18.830 |
| | 26 | 11.238 | 11.773 | 12.304 | 12.833 | 13.359 | 13.883 | 14.406 | 14.926 | 15.446 | 15.964 | 16.481 | 16.996 | 17.511 | 18.025 | 18.538 |
| | 27 | 10.903 | 11.443 | 11.979 | 12.512 | 13.042 | 13.570 | 14.095 | 14.618 | 15.140 | 15.660 | 16.179 | 16.697 | 17.214 | 17.729 | 18.244 |
| | 28 | 10.560 | 11.106 | 11.648 | 12.185 | 12.719 | 13.251 | 13.779 | 14.306 | 14.830 | 15.353 | 15.875 | 16.394 | 16.913 | 17.430 | 17.947 |
| | 29 | 10.206 | 10.760 | 11.308 | 11.851 | 12.390 | 12.926 | 13.459 | 13.989 | 14.516 | 15.042 | 15.566 | 16.088 | 16.609 | 17.128 | 17.646 |
| | 30 | 9.842 | 10.404 | 10.960 | 11.510 | 12.054 | 12.595 | 13.132 | 13.666 | 14.197 | 14.726 | 15.253 | 15.778 | 16.301 | 16.822 | 17.343 |
| | 31 | 9.464 | 10.037 | 10.602 | 11.159 | 11.711 | 12.257 | 12.799 | 13.337 | 13.873 | 14.405 | 14.935 | 15.463 | 15.989 | 16.513 | 17.036 |
| | 32 | 9.070 | 9.657 | 10.233 | 10.799 | 11.358 | 11.911 | 12.459 | 13.003 | 13.542 | 14.079 | 14.612 | 15.144 | 15.672 | 16.199 | 16.725 |
| | 33 | 8.657 | 9.261 | 9.850 | 10.427 | 10.996 | 11.557 | 12.111 | 12.661 | 13.206 | 13.747 | 14.284 | 14.819 | 15.352 | 15.882 | 16.409 |
| | 34 | | 8.845 | 9.451 | 10.042 | 10.622 | 11.192 | 11.754 | 12.311 | 12.862 | 13.408 | 13.951 | 14.490 | 15.026 | 15.559 | 16.090 |
| | 35 | | | 9.032 | 9.641 | 10.234 | 10.816 | 11.388 | 11.952 | 12.510 | 13.062 | 13.610 | 14.154 | 14.694 | 15.231 | 15.766 |
| | 36 | | | | 9.220 | 9.830 | 10.426 | 11.009 | 11.583 | 12.149 | 12.708 | 13.262 | 13.812 | 14.357 | 14.898 | 15.437 |
| | 37 | | | | | 9.407 | 10.020 | 10.617 | 11.202 | 11.778 | 12.346 | 12.907 | 13.462 | 14.013 | 14.559 | 15.102 |
| | 38 | | | | | | 9.594 | 10.209 | 10.808 | 11.395 | 11.972 | 12.542 | 13.104 | 13.661 | 14.213 | 14.761 |
| | 39 | | | | | | | 9.780 | 10.397 | 10.999 | 11.588 | 12.167 | 12.738 | 13.302 | 13.860 | 14.414 |
| | 40 | | | | | | | | | 9.967 | 10.586 | 11.189 | 11.780 | 12.361 | 12.933 | 13.499 |
| | 41 | | | | | | | | | | 10.153 | 10.774 | 11.379 | 11.972 | 12.554 | 13.128 |
| | 42 | | | | | | | | | | | 10.339 | 10.962 | 11.569 | 12.163 | 12.747 |
| | 43 | | | | | | | | | | | | 10.525 | 11.150 | 11.758 | 12.355 |
| | 44 | | | | | | | | | | | | | 10.711 | 11.337 | 11.948 |
| | 45 | | | | | | | | | | | | | | 10.896 | 11.525 |
| | 46 | | | | | | | | | | | | | | | 11.082 |
| | 47 | | | | | | | | | | | | | | | 11.267 |
| | 48 | | | | | | | | | | | | | | | |
| | 49 | | | | | | | | | | | | | | | |
| | 50 | | | | | | | | | | | | | | | |
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| | 57 | | | | | | | | | | | | | | | |
| | 58 | | | | | | | | | | | | | | | |
| | 59 | | | | | | | | | | | | | | | |
| | 60 | | | | | | | | | | | | | | | |

| Y | X | X=Z _B -Z _d | | | | | | | | | | | | | | |
|----------------------------------|----|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 |
| Y=Z _B -Z _d | 1 | 25.750 | 26.250 | 26.750 | 27.250 | 27.750 | 28.250 | 28.750 | 29.250 | 29.750 | 30.250 | 30.750 | 31.250 | 31.750 | 32.250 | 32.750 |
| | 2 | 25.498 | 25.998 | 26.498 | 26.998 | 27.498 | 27.998 | 28.498 | 28.998 | 29.498 | 29.998 | 30.498 | 30.998 | 31.498 | 31.998 | 32.498 |
| | 3 | 25.245 | 25.746 | 26.246 | 26.746 | 27.246 | 27.746 | 28.246 | 28.746 | 29.246 | 29.746 | 30.246 | 30.746 | 31.246 | 31.746 | 32.246 |
| | 4 | 24.992 | 25.492 | 25.992 | 26.492 | 26.992 | 27.493 | 27.993 | 28.493 | 28.993 | 29.493 | 29.993 | 30.493 | 30.993 | 31.494 | 31.994 |
| | 5 | 24.737 | 25.237 | 25.738 | 26.238 | 26.738 | 27.238 | 27.739 | 28.239 | 28.739 | 29.239 | 29.739 | 30.240 | 30.740 | 31.240 | 31.740 |
| | 6 | 24.481 | 24.982 | 25.482 | 25.982 | 26.483 | 26.983 | 27.483 | 27.984 | 28.484 | 28.984 | 29.485 | 29.985 | 30.485 | 30.985 | 31.486 |
| | 7 | 24.224 | 24.725 | 25.225 | 25.726 | 26.226 | 26.727 | 27.227 | 27.728 | 28.228 | 28.728 | 29.229 | 29.729 | 30.229 | 30.730 | 31.230 |
| | 8 | 23.966 | 24.467 | 24.968 | 25.468 | 25.969 | 26.469 | 26.970 | 27.470 | 27.971 | 28.472 | 28.972 | 29.472 | 29.973 | 30.473 | 30.974 |
| | 9 | 23.707 | 24.208 | 24.708 | 25.209 | 25.710 | 26.211 | 26.712 | 27.212 | 27.713 | 28.214 | 28.714 | 29.215 | 29.715 | 30.216 | 30.717 |
| | 10 | 23.446 | 23.947 | 24.448 | 24.949 | 25.450 | 25.951 | 26.452 | 26.953 | 27.454 | 27.955 | 28.455 | 28.956 | 29.457 | 29.958 | 30.458 |
| | 11 | 23.184 | 23.685 | 24.187 | 24.688 | 25.189 | 25.690 | 26.191 | 26.693 | 27.194 | 27.695 | 28.196 | 28.697 | 29.198 | 29.698 | 30.199 |
| | 12 | 22.920 | 23.422 | 23.924 | 24.425 | 24.927 | 25.428 | 25.930 | 26.431 | 26.932 | 27.434 | 27.935 | 28.436 | 28.937 | 29.438 | 29.939 |
| | 13 | 22.656 | 23.158 | 23.660 | 24.161 | 24.663 | 25.165 | 25.667 | 26.168 | 26.670 | 27.171 | 27.673 | 28.174 | 28.675 | 29.177 | 29.678 |
| | 14 | 22.389 | 22.892 | 23.394 | 23.896 | 24.398 | 24.900 | 25.402 | 25.904 | 26.406 | 26.908 | 27.409 | 27.911 | 28.413 | 28.914 | 29.416 |
| | 15 | 22.121 | 22.624 | 23.127 | 23.629 | 24.132 | 24.634 | 25.137 | 25.639 | 26.141 | 26.643 | 27.145 | 27.647 | 28.149 | 28.651 | 29.152 |
| | 16 | 21.852 | 22.355 | 22.858 | 23.361 | 23.864 | 24.367 | 24.870 | 25.372 | 25.875 | 26.377 | 26.879 | 27.382 | 27.884 | 28.386 | 28.888 |
| | 17 | 21.580 | 22.084 | 22.588 | 23.091 | 23.595 | 24.098 | 24.601 | 25.104 | 25.607 | 26.110 | 26.612 | 27.115 | 27.617 | 28.120 | 28.622 |
| | 18 | 21.307 | 21.812 | 22.316 | 22.820 | 23.324 | 23.828 | 24.331 | 24.835 | 25.338 | 25.841 | 26.344 | 26.847 | 27.350 | 27.853 | 28.355 |
| | 19 | 21.033 | 21.538 | 22.043 | 22.547 | 23.052 | 23.556 | 24.060 | 24.564 | 25.068 | 25.571 | 26.075 | 26.578 | 27.081 | 27.584 | 28.087 |
| | 20 | 20.756 | 21.262 | 21.767 | 22.273 | 22.778 | 23.282 | 23.787 | 24.291 | 24.796 | 25.300 | 25.804 | 26.307 | 26.811 | 27.315 | 27.818 |
| | 21 | 20.477 | 20.984 | 21.490 | 21.996 | 22.502 | 23.007 | 23.512 | 24.017 | 24.522 | 25.027 | 25.531 | 26.035 | 26.540 | 27.043 | 27.547 |
| | 22 | 20.196 | 20.704 | 21.211 | 21.718 | 22.224 | 22.730 | 23.236 | 23.742 | 24.247 | 24.752 | 25.257 | 25.762 | 26.267 | 26.771 | 27.275 |
| | 23 | 19.914 | 20.422 | 20.930 | 21.437 | 21.945 | 22.452 | 22.958 | 23.464 | 23.970 | 24.476 | 24.982 | 25.487 | 25.992 | 26.497 | 27.002 |
| | 24 | 19.628 | 20.138 | 20.647 | 21.155 | 21.663 | 22.171 | 22.678 | 23.185 | 23.692 | 24.199 | 24.705 | 25.211 | 25.716 | 26.222 | 26.727 |
| | 25 | 19.341 | 19.851 | 20.361 | 20.871 | 21.380 | 21.888 | 22.397 | 22.904 | 23.412 | 23.919 | 24.426 | 24.933 | 25.439 | 25.945 | 26.451 |
| | 26 | 19.051 | 19.562 | 20.073 | 20.584 | 21.094 | 21.604 | 22.113 | 22.622 | 23.130 | 23.638 | 24.145 | 24.653 | 25.160 | 25.666 | 26.173 |
| | 27 | 18.758 | 19.271 | 19.783 | 20.295 | 20.806 | 21.317 | 21.827 | 22.337 | 22.846 | 23.355 | 23.863 | 24.371 | 24.879 | 25.386 | 25.893 |
| | 28 | 18.462 | 18.977 | 19.491 | 20.004 | 20.516 | 21.028 | 21.539 | 22.050 | 22.560 | 23.070 | 23.579 | 24.088 | 24.596 | 25.104 | 25.612 |
| | 29 | 18.164 | 18.680 | 19.195 | 19.710 | 20.223 | 20.736 | 21.249 | 21.761 | 22.272 | 22.782 | 23.293 | 23.803 | 24.312 | 24.821 | 25.329 |
| | 30 | 17.862 | 18.380 | 18.897 | 19.413 | 19.928 | 20.442 | 20.956 | 21.469 | 21.981 | 22.493 | 23.005 | 23.515 | 24.026 | 24.535 | 25.045 |
| | 31 | 17.557 | 18.077 | 18.595 | 19.113 | 19.630 | 20.146 | 20.661 | 21.175 | 21.689 | 22.202 | 22.714 | 23.226 | 23.737 | 24.248 | 24.758 |
| | 32 | 17.248 | 17.770 | 18.291 | 18.811 | 19.329 | 19.847 | 20.363 | 20.879 | 21.394 | 21.908 | 22.422 | 22.935 | 23.447 | 23.959 | 24.470 |
| | 33 | 16.936 | 17.460 | 17.983 | 18.505 | 19.025 | 19.544 | 20.063 | 20.580 | 21.096 | 21.612 | 22.127 | 22.641 | 23.154 | 23.667 | 24.180 |
| | 34 | 16.619 | 17.146 | 17.671 | 18.195 | 18.718 | 19.239 | 19.759 | 20.278 | 20.796 | 21.313 | 21.829 | 22.345 | 22.860 | 23.374 | 23.887 |
| | 35 | 16.298 | 16.828 | 17.356 | 17.882 | 18.407 | 18.930 | 19.452 | 19.973 | 20.493 | 21.012 | 21.529 | 22.046 | 22.562 | 23.078 | 23.592 |
| | 36 | 15.972 | 16.506 | 17.037 | 17.566 | 18.093 | 18.618 | 19.143 | 19.665 | 20.187 | 20.707 | 21.227 | 21.745 | 22.263 | 22.779 | 23.295 |
| | 37 | 15.642 | 16.178 | 16.713 | 17.245 | 17.775 | 18.303 | 18.829 | 19.354 | 19.878 | 20.400 | 20.921 | 21.441 | 21.960 | 22.479 | 22.996 |
| | 38 | 15.305 | 15.846 | 16.384 | 16.919 | 17.452 | 17.983 | 18.512 | 19.039 | 19.565 | 20.090 | 20.613 | 21.135 | 21.655 | 22.175 | 22.694 |
| | 39 | 14.963 | 15.508 | 16.050 | 16.589 | 17.125 | 17.659 | 18.191 | 18.721 | 19.249 | 19.776 | 20.301 | 20.825 | 21.348 | 21.869 | 22.390 |
| | 40 | 14.613 | 15.164 | 15.710 | 16.253 | 16.793 | 17.331 | 17.866 | 18.399 | 18.929 | 19.459 | 19.986 | 20.512 | 21.037 | 21.560 | 22.082 |
| | 41 | 14.257 | 14.813 | 15.364 | 15.912 | 16.456 | 16.997 | 17.536 | 18.072 | 18.606 | 19.138 | 19.668 | 20.196 | 20.723 | 21.248 | 21.772 |
| | 42 | 13.892 | 14.454 | 15.012 | 15.565 | 16.114 | 16.659 | 17.201 | 17.741 | 18.278 | 18.812 | 19.345 | 19.876 | 20.405 | 20.933 | 21.459 |
| | 43 | 13.518 | 14.088 | 14.652 | 15.210 | 15.765 | 16.315 | 16.861 | 17.405 | 17.945 | 18.483 | 19.019 | 19.552 | 20.084 | 20.614 | 21.142 |
| | 44 | 13.133 | 13.712 | 14.283 | 14.849 | 15.409 | 15.964 | 16.515 | 17.063 | 17.607 | 18.149 | 18.688 | 19.225 | 19.759 | 20.292 | 20.822 |
| | 45 | 12.736 | 13.325 | 13.906 | 14.479 | 15.045 | 15.607 | 16.163 | 16.716 | 17.264 | 17.810 | 18.353 | 18.892 | 19.430 | 19.965 | 20.499 |
| | 46 | 12.326 | 12.927 | 13.517 | 14.099 | 14.674 | 15.242 | 15.804 | 16.362 | 16.916 | 17.466 | 18.012 | 18.556 | 19.097 | 19.635 | 20.171 |
| | 47 | 11.899 | 12.514 | 13.117 | 13.709 | 14.293 | 14.868 | 15.438 | 16.002 | 16.561 | 17.115 | 17.666 | 18.214 | 18.759 | 19.300 | 19.840 |
| | 48 | 11.452 | 12.086 | 12.703 | 13.307 | 13.901 | 14.486 | 15.063 | 15.633 | 16.199 | 16.759 | 17.315 | 17.867 | 18.415 | 18.961 | 19.504 |
| | 49 | | 11.637 | 12.272 | 12.891 | 13.497 | 14.092 | 14.678 | 15.257 | 15.829 | 16.395 | 16.957 | 17.514 | 18.067 | 18.617 | 19.163 |
| | 50 | | | 11.822 | 12.459 | 13.079 | 13.687 | 14.283 | 14.871 | 15.451 | 16.024 | 16.592 | 17.154 | 17.712 | 18.267 | 18.817 |
| | 51 | | | 11.347 | 12.006 | 12.645 | 13.267 | 13.876 | 14.474 | 15.063 | 15.644 | 16.219 | 16.788 | 17.351 | 17.911 | 18.466 |
| | 52 | | | | 11.530 | 12.191 | 12.831 | 13.455 | 14.065 | 14.665 | 15.255 | 15.838 | 16.414 | 16.984 | 17.548 | 18.109 |
| | 53 | | | | | 11.713 | 12.375 | 13.017 | 13.642 | 14.254 | 14.855 | 15.447 | 16.031 | 16.608 | 17.179 | 17.745 |
| | 54 | | | | | | 11.895 | 12.559 | 13.203 | 13.830 | 14.443 | 15.045 | 15.638 | 16.224 | 16.802 | 17.374 |
| | 55 | | | | | | | 12.078 | 12.744 | 13.388 | 14.017 | 14.632 | 15.235 | 15.830 | 16.416 | 16.996 |
| | 56 | | | | | | | | 12.261 | 12.928 | 13.574 | 14.204 | 14.820 | 15.425 | 16.021 | 16.609 |
| | 57 | | | | | | | | | 12.443 | 13.112 | 13.759 | 14.391 | 15.008 | 15.615 | 16.212 |
| | 58 | | | | | | | | | | 12.625 | 13.296 | 13.945 | 14.577 | 15.196 | 15.804 |
| | 59 | | | | | | | | | | | 12.808 | 13.479 | 14.130 | 14.764 | 15.384 |
| | 60 | | | | | | | | | | | | 12.990 | 13.663 | 14.315 | 14.950 |

軸間距離早見表

| X Y | | X=Z _B —Z _d | | | | | | | | | | | | | | |
|----------------------------------|----|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 |
| Y=Z ₀ —Z _d | 1 | 33.250 | 33.750 | 34.250 | 34.750 | 35.250 | 35.750 | 36.250 | 36.750 | 37.250 | 37.750 | 38.250 | 38.750 | 39.250 | 39.750 | 40.250 |
| | 2 | 32.998 | 33.498 | 33.999 | 34.499 | 34.999 | 35.499 | 35.999 | 36.499 | 36.999 | 37.499 | 37.999 | 38.499 | 38.999 | 39.499 | 39.999 |
| | 3 | 32.747 | 33.247 | 33.747 | 34.247 | 34.747 | 35.247 | 35.747 | 36.247 | 36.747 | 37.247 | 37.747 | 38.247 | 38.747 | 39.247 | 39.747 |
| | 4 | 32.494 | 32.994 | 33.494 | 33.994 | 34.494 | 34.994 | 35.494 | 35.994 | 36.494 | 36.995 | 37.495 | 37.995 | 38.495 | 38.995 | 39.495 |
| | 5 | 32.240 | 32.740 | 33.240 | 33.741 | 34.241 | 34.741 | 35.241 | 35.741 | 36.241 | 36.741 | 37.241 | 37.742 | 38.242 | 38.742 | 39.242 |
| | 6 | 31.986 | 32.486 | 32.986 | 33.486 | 33.987 | 34.487 | 34.987 | 35.487 | 35.987 | 36.488 | 36.988 | 37.488 | 37.988 | 38.488 | 38.988 |
| | 7 | 31.730 | 32.231 | 32.731 | 33.231 | 33.732 | 34.232 | 34.732 | 35.232 | 35.733 | 36.233 | 36.733 | 37.233 | 37.734 | 38.234 | 38.734 |
| | 8 | 31.474 | 31.975 | 32.475 | 32.975 | 33.476 | 33.976 | 34.476 | 34.977 | 35.477 | 35.977 | 36.478 | 36.978 | 37.478 | 37.979 | 38.479 |
| | 9 | 31.217 | 31.718 | 32.218 | 32.719 | 33.219 | 33.720 | 34.220 | 34.720 | 35.221 | 35.721 | 36.222 | 36.722 | 37.222 | 37.723 | 38.223 |
| | 10 | 30.959 | 31.460 | 31.960 | 32.461 | 32.962 | 33.462 | 33.963 | 34.463 | 34.964 | 35.464 | 35.965 | 36.465 | 36.966 | 37.466 | 37.967 |
| | 11 | 30.700 | 31.201 | 31.702 | 32.202 | 32.703 | 33.204 | 33.705 | 34.205 | 34.706 | 35.206 | 35.707 | 36.208 | 36.708 | 37.209 | 37.709 |
| | 12 | 30.440 | 30.941 | 31.442 | 31.943 | 32.444 | 32.945 | 33.445 | 33.946 | 34.447 | 34.948 | 35.449 | 35.949 | 36.450 | 36.951 | 37.451 |
| | 13 | 30.179 | 30.680 | 31.181 | 31.682 | 32.183 | 32.685 | 33.186 | 33.686 | 34.187 | 34.688 | 35.189 | 35.690 | 36.191 | 36.692 | 37.192 |
| | 14 | 29.917 | 30.418 | 30.920 | 31.421 | 31.922 | 32.423 | 32.925 | 33.426 | 33.927 | 34.428 | 34.929 | 35.430 | 35.931 | 36.432 | 36.933 |
| | 15 | 29.654 | 30.156 | 30.657 | 31.159 | 31.660 | 32.161 | 32.663 | 33.164 | 33.665 | 34.167 | 34.668 | 35.169 | 35.670 | 36.171 | 36.672 |
| | 16 | 29.390 | 29.892 | 30.393 | 30.895 | 31.397 | 31.898 | 32.400 | 32.901 | 33.403 | 33.904 | 34.406 | 34.907 | 35.408 | 35.910 | 36.411 |
| | 17 | 29.124 | 29.626 | 30.129 | 30.631 | 31.132 | 31.634 | 32.136 | 32.638 | 33.140 | 33.641 | 34.143 | 34.644 | 35.146 | 35.647 | 36.149 |
| | 18 | 28.858 | 29.360 | 29.863 | 30.365 | 30.867 | 31.369 | 31.871 | 32.373 | 32.875 | 33.377 | 33.879 | 34.381 | 34.882 | 35.384 | 35.886 |
| | 19 | 28.590 | 29.093 | 29.596 | 30.098 | 30.601 | 31.103 | 31.605 | 32.108 | 32.610 | 33.112 | 33.614 | 34.116 | 34.618 | 35.120 | 35.622 |
| | 20 | 28.321 | 28.824 | 29.327 | 29.830 | 30.333 | 30.836 | 31.338 | 31.841 | 32.343 | 32.846 | 33.348 | 33.850 | 34.353 | 34.855 | 35.357 |
| | 21 | 28.051 | 28.554 | 29.058 | 29.561 | 30.064 | 30.567 | 31.070 | 31.573 | 32.076 | 32.579 | 33.081 | 33.584 | 34.086 | 34.589 | 35.091 |
| | 22 | 27.779 | 28.283 | 28.787 | 29.291 | 29.794 | 30.298 | 30.801 | 31.304 | 31.807 | 32.310 | 32.813 | 33.316 | 33.819 | 34.321 | 34.824 |
| | 23 | 27.506 | 28.011 | 28.515 | 29.019 | 29.523 | 30.027 | 30.531 | 31.034 | 31.538 | 32.041 | 32.544 | 33.047 | 33.550 | 34.053 | 34.556 |
| | 24 | 27.232 | 27.737 | 28.242 | 28.746 | 29.251 | 29.755 | 30.259 | 30.763 | 31.267 | 31.770 | 32.274 | 32.777 | 33.281 | 33.784 | 34.287 |
| | 25 | 26.956 | 27.462 | 27.967 | 28.472 | 28.977 | 29.482 | 29.986 | 30.490 | 30.995 | 31.499 | 32.003 | 32.506 | 33.010 | 33.514 | 34.017 |
| | 26 | 26.679 | 27.185 | 27.691 | 28.196 | 28.702 | 29.207 | 29.712 | 30.217 | 30.721 | 31.226 | 31.730 | 32.234 | 32.738 | 33.242 | 33.746 |
| | 27 | 26.400 | 26.907 | 27.413 | 27.919 | 28.425 | 28.931 | 29.436 | 29.942 | 30.447 | 30.952 | 31.456 | 31.961 | 32.466 | 32.970 | 33.474 |
| | 28 | 26.120 | 26.627 | 27.134 | 27.641 | 28.147 | 28.653 | 29.159 | 29.665 | 30.171 | 30.676 | 31.182 | 31.687 | 32.192 | 32.696 | 33.201 |
| | 29 | 25.838 | 26.346 | 26.853 | 27.361 | 27.868 | 28.375 | 28.881 | 29.388 | 29.894 | 30.400 | 30.905 | 31.411 | 31.916 | 32.421 | 32.927 |
| | 30 | 25.554 | 26.063 | 26.571 | 27.079 | 27.587 | 28.094 | 28.601 | 29.108 | 29.615 | 30.122 | 30.628 | 31.134 | 31.640 | 32.145 | 32.651 |
| | 31 | 25.268 | 25.778 | 26.287 | 26.796 | 27.304 | 27.812 | 28.320 | 28.828 | 29.335 | 29.842 | 30.349 | 30.856 | 31.362 | 31.868 | 32.374 |
| | 32 | 24.981 | 25.491 | 26.001 | 26.511 | 27.020 | 27.529 | 28.037 | 28.546 | 29.054 | 29.561 | 30.069 | 30.576 | 31.083 | 31.589 | 32.096 |
| | 33 | 24.691 | 25.203 | 25.714 | 26.224 | 26.734 | 27.244 | 27.753 | 28.262 | 28.771 | 29.279 | 29.787 | 30.295 | 30.802 | 31.309 | 31.817 |
| | 34 | 24.400 | 24.912 | 25.424 | 25.935 | 26.446 | 26.957 | 27.467 | 27.977 | 28.486 | 28.995 | 29.504 | 30.012 | 30.520 | 31.028 | 31.536 |
| | 35 | 24.106 | 24.620 | 25.133 | 25.645 | 26.157 | 26.668 | 27.179 | 27.690 | 28.200 | 28.710 | 29.219 | 29.728 | 30.237 | 30.745 | 31.254 |
| | 36 | 23.811 | 24.325 | 24.839 | 25.353 | 25.865 | 26.378 | 26.890 | 27.401 | 27.912 | 28.423 | 28.933 | 29.443 | 29.952 | 30.461 | 30.970 |
| | 37 | 23.513 | 24.028 | 24.544 | 25.058 | 25.572 | 26.085 | 26.598 | 27.110 | 27.622 | 28.134 | 28.645 | 29.155 | 29.666 | 30.175 | 30.685 |
| | 38 | 23.212 | 23.729 | 24.246 | 24.761 | 25.276 | 25.791 | 26.305 | 26.818 | 27.331 | 27.843 | 28.355 | 28.866 | 29.377 | 29.888 | 30.398 |
| | 39 | 22.909 | 23.428 | 23.946 | 24.463 | 24.979 | 25.494 | 26.009 | 26.524 | 27.038 | 27.551 | 28.064 | 28.576 | 29.088 | 29.599 | 30.110 |
| | 40 | 22.603 | 23.124 | 23.643 | 24.161 | 24.679 | 25.196 | 25.712 | 26.227 | 26.742 | 27.257 | 27.770 | 28.284 | 28.796 | 29.309 | 29.820 |
| | 41 | 22.295 | 22.817 | 23.338 | 23.858 | 24.377 | 24.895 | 25.412 | 25.929 | 26.445 | 26.960 | 27.475 | 27.989 | 28.503 | 29.016 | 29.529 |
| | 42 | 21.984 | 22.507 | 23.030 | 23.551 | 24.072 | 24.592 | 25.110 | 25.628 | 26.146 | 26.662 | 27.178 | 27.693 | 28.208 | 28.722 | 29.236 |
| | 43 | 21.669 | 22.195 | 22.719 | 23.242 | 23.765 | 24.286 | 24.806 | 25.325 | 25.844 | 26.362 | 26.879 | 27.395 | 27.911 | 28.426 | 28.941 |
| | 44 | 21.352 | 21.879 | 22.406 | 22.931 | 23.455 | 23.977 | 24.499 | 25.020 | 25.540 | 26.059 | 26.577 | 27.095 | 27.612 | 28.128 | 28.644 |
| | 45 | 21.030 | 21.560 | 22.089 | 22.616 | 23.142 | 23.666 | 24.190 | 24.712 | 25.234 | 25.754 | 26.274 | 26.793 | 27.311 | 27.828 | 28.345 |
| | 46 | 20.706 | 21.238 | 21.769 | 22.298 | 22.826 | 23.352 | 23.878 | 24.402 | 24.925 | 25.447 | 25.968 | 26.488 | 27.008 | 27.526 | 28.044 |
| | 47 | 20.377 | 20.912 | 21.445 | 21.977 | 22.507 | 23.035 | 23.563 | 24.089 | 24.613 | 25.137 | 25.660 | 26.181 | 26.702 | 27.222 | 27.742 |
| | 48 | 20.044 | 20.582 | 21.118 | 21.652 | 22.185 | 22.715 | 23.245 | 23.773 | 24.299 | 24.825 | 25.349 | 25.872 | 26.394 | 26.916 | 27.436 |
| | 49 | 19.707 | 20.248 | 20.787 | 21.324 | 21.859 | 22.392 | 22.923 | 23.453 | 23.982 | 24.509 | 25.035 | 25.560 | 26.084 | 26.607 | 27.129 |
| | 50 | 19.365 | 19.910 | 20.452 | 20.992 | 21.529 | 22.065 | 22.599 | 23.131 | 23.662 | 24.191 | 24.719 | 25.246 | 25.771 | 26.296 | 26.819 |
| | 51 | 19.018 | 19.566 | 20.112 | 20.655 | 21.196 | 21.734 | 22.271 | 22.806 | 23.339 | 23.870 | 24.400 | 24.929 | 25.456 | 25.982 | 26.507 |
| | 52 | 18.665 | 19.218 | 19.768 | 20.314 | 20.858 | 21.400 | 21.939 | 22.476 | 23.012 | 23.546 | 24.078 | 24.608 | 25.138 | 25.666 | 26.193 |
| | 53 | 18.307 | 18.864 | 19.418 | 19.968 | 20.516 | 21.061 | 21.603 | 22.143 | 22.681 | 23.218 | 23.752 | 24.285 | 24.816 | 25.346 | 25.875 |
| | 54 | 17.942 | 18.504 | 19.063 | 19.617 | 20.169 | 20.717 | 21.263 | 21.806 | 22.347 | 22.886 | 23.423 | 23.959 | 24.492 | 25.024 | 25.555 |
| | 55 | 17.569 | 18.138 | 18.701 | 19.261 | 19.817 | 20.369 | 20.919 | 21.465 | 22.009 | 22.551 | 23.091 | 23.629 | 24.165 | 24.699 | 25.232 |
| | 56 | 17.189 | 17.764 | 18.334 | 18.898 | 19.459 | 20.016 | 20.569 | 21.119 | 21.667 | 22.212 | 22.755 | 23.295 | 23.834 | 24.370 | 24.905 |
| | 57 | 16.801 | 17.383 | 17.959 | 18.529 | 19.095 | 19.657 | 20.214 | 20.769 | 21.320 | 21.868 | 22.414 | 22.958 | 23.499 | 24.038 | 24.576 |
| | 58 | 16.403 | 16.993 | 17.576 | 18.153 | 18.725 | 19.291 | 19.854 | 20.413 | 20.968 | 21.520 | 22.069 | 22.616 | 23.160 | 23.702 | 24.243 |
| | 59 | 15.993 | 16.593 | 17.184 | 17.769 | 18.347 | 18.920 | 19.488 | 20.051 | 20.611 | 21.167 | 21.720 | 22.270 | 22.818 | 23.363 | 23.906 |
| | 60 | 15.572 | 16.182 | 16.783 | 17.376 | 17.962 | 18.541 | 19.115 | 19.684 | 20.248 | 20.809 | 21.366 | 21.920 | 22.471 | 23.019 | 23.565 |

| Y | X | X=Z _B -Z _d | | | | | | | | | | | | | | |
|----------------------------------|----|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 |
| Y=Z _B -Z _d | 1 | 40.750 | 41.250 | 41.750 | 42.250 | 42.750 | 43.250 | 43.750 | 44.250 | 44.750 | 45.250 | 45.750 | 46.250 | 46.750 | 47.250 | 47.750 |
| | 2 | 40.499 | 40.999 | 41.499 | 41.999 | 42.499 | 42.999 | 43.499 | 43.999 | 44.499 | 44.999 | 45.499 | 45.999 | 46.499 | 46.999 | 47.499 |
| | 3 | 40.247 | 40.747 | 41.247 | 41.747 | 42.247 | 42.747 | 43.247 | 43.747 | 44.247 | 44.747 | 45.247 | 45.748 | 46.248 | 46.748 | 47.248 |
| | 4 | 39.995 | 40.495 | 40.995 | 41.495 | 41.995 | 42.495 | 42.995 | 43.495 | 43.995 | 44.495 | 44.995 | 45.496 | 45.996 | 46.496 | 46.996 |
| | 5 | 39.742 | 40.242 | 40.742 | 41.242 | 41.742 | 42.243 | 42.743 | 43.243 | 43.743 | 44.243 | 44.743 | 45.243 | 45.743 | 46.243 | 46.743 |
| | 6 | 39.488 | 39.989 | 40.489 | 40.989 | 41.489 | 41.989 | 42.489 | 42.989 | 43.490 | 43.990 | 44.490 | 44.990 | 45.490 | 45.990 | 46.490 |
| | 7 | 39.234 | 39.734 | 40.235 | 40.735 | 41.235 | 41.735 | 42.235 | 42.735 | 43.236 | 43.736 | 44.236 | 44.736 | 45.236 | 45.736 | 46.237 |
| | 8 | 38.979 | 39.479 | 39.980 | 40.480 | 40.980 | 41.480 | 41.981 | 42.481 | 42.981 | 43.481 | 43.982 | 44.482 | 44.982 | 45.482 | 45.982 |
| | 9 | 38.724 | 39.224 | 39.724 | 40.224 | 40.725 | 41.225 | 41.725 | 42.226 | 42.726 | 43.226 | 43.727 | 44.227 | 44.727 | 45.227 | 45.728 |
| | 10 | 38.467 | 38.967 | 39.468 | 39.968 | 40.469 | 40.969 | 41.469 | 41.970 | 42.470 | 42.971 | 43.471 | 43.971 | 44.472 | 44.972 | 45.472 |
| | 11 | 38.210 | 38.710 | 39.211 | 39.711 | 40.212 | 40.712 | 41.213 | 41.713 | 42.214 | 42.714 | 43.215 | 43.715 | 44.215 | 44.716 | 45.216 |
| | 12 | 37.952 | 38.453 | 38.953 | 39.454 | 39.954 | 40.455 | 40.955 | 41.456 | 41.957 | 42.457 | 42.958 | 43.458 | 43.959 | 44.459 | 44.959 |
| | 13 | 37.693 | 38.194 | 38.695 | 39.195 | 39.696 | 40.197 | 40.697 | 41.198 | 41.699 | 42.199 | 42.700 | 43.200 | 43.701 | 44.202 | 44.702 |
| | 14 | 37.434 | 37.935 | 38.435 | 38.936 | 39.437 | 39.938 | 40.439 | 40.939 | 41.440 | 41.941 | 42.442 | 42.942 | 43.443 | 43.944 | 44.444 |
| | 15 | 37.173 | 37.674 | 38.175 | 38.676 | 39.177 | 39.678 | 40.179 | 40.680 | 41.181 | 41.682 | 42.182 | 42.683 | 43.184 | 43.685 | 44.186 |
| | 16 | 36.912 | 37.413 | 37.914 | 38.416 | 38.917 | 39.418 | 39.919 | 40.420 | 40.921 | 41.422 | 41.923 | 42.424 | 42.924 | 43.425 | 43.926 |
| | 17 | 36.650 | 37.151 | 37.653 | 38.154 | 38.655 | 39.157 | 39.658 | 40.159 | 40.660 | 41.161 | 41.662 | 42.163 | 42.664 | 43.165 | 43.666 |
| | 18 | 36.387 | 36.889 | 37.390 | 37.892 | 38.393 | 38.894 | 39.396 | 39.897 | 40.398 | 40.900 | 41.401 | 41.902 | 42.403 | 42.904 | 43.405 |
| | 19 | 36.123 | 36.625 | 37.127 | 37.628 | 38.130 | 38.632 | 39.133 | 39.635 | 40.136 | 40.637 | 41.139 | 41.640 | 42.142 | 42.643 | 43.144 |
| | 20 | 35.859 | 36.361 | 36.863 | 37.364 | 37.866 | 38.368 | 38.870 | 39.371 | 39.873 | 40.375 | 40.876 | 41.378 | 41.879 | 42.380 | 42.882 |
| | 21 | 35.593 | 36.095 | 36.597 | 37.099 | 37.601 | 38.103 | 38.605 | 39.107 | 39.609 | 40.111 | 40.612 | 41.114 | 41.616 | 42.117 | 42.619 |
| | 22 | 35.326 | 35.829 | 36.331 | 36.834 | 37.336 | 37.838 | 38.340 | 38.842 | 39.344 | 39.846 | 40.348 | 40.850 | 41.352 | 41.854 | 42.355 |
| | 23 | 35.059 | 35.562 | 36.064 | 36.567 | 37.069 | 37.572 | 38.074 | 38.576 | 39.079 | 39.581 | 40.083 | 40.585 | 41.087 | 41.589 | 42.091 |
| | 24 | 34.790 | 35.293 | 35.796 | 36.299 | 36.802 | 37.304 | 37.807 | 38.310 | 38.812 | 39.314 | 39.817 | 40.319 | 40.821 | 41.323 | 41.826 |
| | 25 | 34.521 | 35.024 | 35.527 | 36.030 | 36.533 | 37.036 | 37.539 | 38.042 | 38.545 | 39.047 | 39.550 | 40.052 | 40.555 | 41.057 | 41.560 |
| | 26 | 34.250 | 34.754 | 35.257 | 35.761 | 36.264 | 36.767 | 37.270 | 37.773 | 38.276 | 38.779 | 39.282 | 39.785 | 40.287 | 40.790 | 41.293 |
| | 27 | 33.978 | 34.482 | 34.986 | 35.490 | 35.993 | 36.497 | 37.000 | 37.504 | 38.007 | 38.510 | 39.013 | 39.516 | 40.019 | 40.522 | 41.025 |
| | 28 | 33.705 | 34.210 | 34.714 | 35.218 | 35.722 | 36.226 | 36.730 | 37.233 | 37.737 | 38.240 | 38.744 | 39.247 | 39.750 | 40.253 | 40.756 |
| | 29 | 33.431 | 33.936 | 34.441 | 34.945 | 35.450 | 35.954 | 36.458 | 36.962 | 37.466 | 37.969 | 38.473 | 38.977 | 39.480 | 39.984 | 40.487 |
| | 30 | 33.156 | 33.661 | 34.166 | 34.671 | 35.176 | 35.681 | 36.185 | 36.689 | 37.194 | 37.698 | 38.202 | 38.706 | 39.209 | 39.713 | 40.217 |
| | 31 | 32.880 | 33.385 | 33.891 | 34.396 | 34.901 | 35.406 | 35.911 | 36.416 | 36.920 | 37.425 | 37.929 | 38.433 | 38.937 | 39.441 | 39.945 |
| | 32 | 32.602 | 33.108 | 33.614 | 34.120 | 34.625 | 35.131 | 35.636 | 36.141 | 36.646 | 37.151 | 37.656 | 38.160 | 38.665 | 39.169 | 39.673 |
| | 33 | 32.323 | 32.830 | 33.336 | 33.842 | 34.348 | 34.854 | 35.360 | 35.865 | 36.371 | 36.876 | 37.381 | 37.886 | 38.391 | 38.895 | 39.400 |
| | 34 | 32.043 | 32.550 | 33.057 | 33.564 | 34.070 | 34.577 | 35.083 | 35.589 | 36.094 | 36.600 | 37.105 | 37.611 | 38.116 | 38.621 | 39.126 |
| | 35 | 31.762 | 32.269 | 32.777 | 33.284 | 33.791 | 34.298 | 34.804 | 35.311 | 35.817 | 36.323 | 36.829 | 37.334 | 37.840 | 38.345 | 38.851 |
| | 36 | 31.479 | 31.987 | 32.495 | 33.003 | 33.510 | 34.017 | 34.525 | 35.031 | 35.538 | 36.045 | 36.551 | 37.057 | 37.563 | 38.069 | 38.574 |
| | 37 | 31.194 | 31.703 | 32.212 | 32.720 | 33.228 | 33.736 | 34.244 | 34.751 | 35.258 | 35.765 | 36.272 | 36.779 | 37.285 | 37.791 | 38.297 |
| | 38 | 30.908 | 31.418 | 31.927 | 32.436 | 32.945 | 33.453 | 33.961 | 34.469 | 34.977 | 35.485 | 35.992 | 36.499 | 37.006 | 37.512 | 38.019 |
| | 39 | 30.621 | 31.131 | 31.641 | 32.151 | 32.660 | 33.169 | 33.678 | 34.187 | 34.695 | 35.203 | 35.711 | 36.218 | 36.725 | 37.233 | 37.740 |
| | 40 | 30.332 | 30.843 | 31.354 | 31.864 | 32.374 | 32.884 | 33.393 | 33.902 | 34.411 | 34.920 | 35.428 | 35.936 | 36.444 | 36.952 | 37.459 |
| | 41 | 30.041 | 30.553 | 31.065 | 31.576 | 32.086 | 32.597 | 33.107 | 33.617 | 34.126 | 34.635 | 35.144 | 35.653 | 36.161 | 36.669 | 37.177 |
| | 42 | 29.749 | 30.262 | 30.774 | 31.286 | 31.797 | 32.309 | 32.819 | 33.330 | 33.840 | 34.350 | 34.859 | 35.368 | 35.877 | 36.386 | 36.894 |
| | 43 | 29.455 | 29.969 | 30.482 | 30.994 | 31.507 | 32.019 | 32.530 | 33.041 | 33.552 | 34.063 | 34.573 | 35.082 | 35.592 | 36.101 | 36.610 |
| | 44 | 29.159 | 29.674 | 30.188 | 30.701 | 31.214 | 31.727 | 32.239 | 32.751 | 33.263 | 33.774 | 34.285 | 34.795 | 35.306 | 35.815 | 36.325 |
| | 45 | 28.861 | 29.377 | 29.892 | 30.407 | 30.921 | 31.434 | 31.947 | 32.460 | 32.972 | 33.484 | 33.996 | 34.507 | 35.018 | 35.528 | 36.038 |
| | 46 | 28.562 | 29.078 | 29.594 | 30.110 | 30.625 | 31.139 | 31.653 | 32.167 | 32.680 | 33.193 | 33.705 | 34.217 | 34.728 | 35.240 | 35.750 |
| | 47 | 28.260 | 28.778 | 29.295 | 29.812 | 30.327 | 30.843 | 31.358 | 31.872 | 32.386 | 32.900 | 33.413 | 33.925 | 34.438 | 34.949 | 35.461 |
| | 48 | 27.956 | 28.475 | 28.994 | 29.511 | 30.028 | 30.545 | 31.061 | 31.576 | 32.091 | 32.605 | 33.119 | 33.632 | 34.145 | 34.658 | 35.170 |
| | 49 | 27.650 | 28.171 | 28.690 | 29.209 | 29.727 | 30.245 | 30.761 | 31.278 | 31.794 | 32.309 | 32.824 | 33.338 | 33.852 | 34.365 | 34.878 |
| | 50 | 27.342 | 27.864 | 28.385 | 28.905 | 29.424 | 29.943 | 30.461 | 30.978 | 31.495 | 32.011 | 32.527 | 33.042 | 33.556 | 34.071 | 34.584 |
| | 51 | 27.031 | 27.554 | 28.077 | 28.598 | 29.119 | 29.639 | 30.158 | 30.676 | 31.194 | 31.711 | 32.228 | 32.744 | 33.260 | 33.775 | 34.289 |
| | 52 | 26.718 | 27.243 | 27.767 | 28.289 | 28.811 | 29.332 | 29.853 | 30.372 | 30.891 | 31.410 | 31.927 | 32.444 | 32.961 | 33.477 | 33.993 |
| | 53 | 26.403 | 26.929 | 27.454 | 27.978 | 28.502 | 29.024 | 29.546 | 30.067 | 30.587 | 31.106 | 31.625 | 32.143 | 32.661 | 33.178 | 33.694 |
| | 54 | 26.084 | 26.612 | 27.139 | 27.665 | 28.190 | 28.714 | 29.237 | 29.759 | 30.280 | 30.801 | 31.321 | 31.840 | 32.359 | 32.877 | 33.394 |
| | 55 | 25.763 | 26.293 | 26.822 | 27.349 | 27.876 | 28.401 | 28.925 | 29.449 | 29.972 | 30.494 | 31.015 | 31.535 | 32.055 | 32.574 | 33.092 |
| | 56 | 25.439 | 25.971 | 26.501 | 27.031 | 27.559 | 28.086 | 28.612 | 29.137 | 29.661 | 30.184 | 30.707 | 31.228 | 31.749 | 32.269 | 32.789 |
| | 57 | 25.111 | 25.645 | 26.178 | 26.709 | 27.239 | 27.768 | 28.296 | 28.822 | 29.348 | 29.873 | 30.396 | 30.919 | 31.441 | 31.963 | 32.483 |
| | 58 | 24.781 | 25.317 | 25.852 | 26.385 | 26.917 | 27.448 | 27.977 | 28.505 | 29.032 | 29.559 | 30.084 | 30.608 | 31.131 | 31.654 | 32.176 |
| | 59 | 24.447 | 24.985 | 25.523 | 26.058 | 26.592 | 27.125 | 27.656 | 28.186 | 28.715 | 29.242 | 29.769 | 30.295 | 30.820 | 31.343 | 31.867 |
| | 60 | 24.109 | 24.650 | 25.190 | 25.728 | 26.264 | 26.799 | 27.332 | 27.864 | 28.394 | 28.924 | 29.452 | 29.979 | 30.505 | 31.031 | 31.555 |

軸間距離早見表

| X Y | | X=Z _B —Z _d | | | | | | | | | | | | | | |
|----------------------------------|----|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 |
| Y=Z ₀ —Z _d | 1 | 48.250 | 48.750 | 49.250 | 49.750 | 50.250 | 50.750 | 51.250 | 51.750 | 52.250 | 52.750 | 53.250 | 53.750 | 54.250 | 54.750 | 55.250 |
| | 2 | 47.999 | 48.499 | 48.999 | 49.499 | 49.999 | 50.499 | 50.999 | 51.499 | 51.999 | 52.499 | 52.999 | 53.499 | 53.999 | 54.499 | 54.999 |
| | 3 | 47.748 | 48.248 | 48.748 | 49.248 | 49.748 | 50.248 | 50.748 | 51.248 | 51.748 | 52.248 | 52.748 | 53.248 | 53.748 | 54.248 | 54.748 |
| | 4 | 47.496 | 47.996 | 48.496 | 48.996 | 49.496 | 49.996 | 50.496 | 50.996 | 51.496 | 51.996 | 52.496 | 52.996 | 53.496 | 53.996 | 54.496 |
| | 5 | 47.243 | 47.743 | 48.243 | 48.744 | 49.244 | 49.744 | 50.244 | 50.744 | 51.244 | 51.744 | 52.244 | 52.744 | 53.244 | 53.744 | 54.244 |
| | 6 | 46.990 | 47.490 | 47.990 | 48.491 | 48.991 | 49.491 | 49.991 | 50.491 | 50.991 | 51.491 | 51.991 | 52.491 | 52.991 | 53.491 | 53.992 |
| | 7 | 46.737 | 47.237 | 47.737 | 48.237 | 48.737 | 49.237 | 49.738 | 50.238 | 50.738 | 51.238 | 51.738 | 52.238 | 52.738 | 53.238 | 53.738 |
| | 8 | 46.483 | 46.983 | 47.483 | 47.983 | 48.483 | 48.983 | 49.484 | 49.984 | 50.484 | 50.984 | 51.484 | 51.984 | 52.485 | 52.985 | 53.485 |
| | 9 | 46.228 | 46.728 | 47.228 | 47.729 | 48.229 | 48.729 | 49.229 | 49.729 | 50.230 | 50.730 | 51.230 | 51.730 | 52.230 | 52.731 | 53.231 |
| | 10 | 45.972 | 46.473 | 46.973 | 47.473 | 47.974 | 48.474 | 48.974 | 49.474 | 49.975 | 50.475 | 50.975 | 51.475 | 51.976 | 52.476 | 52.976 |
| | 11 | 45.716 | 46.217 | 46.717 | 47.218 | 47.718 | 48.218 | 48.719 | 49.219 | 49.719 | 50.219 | 50.720 | 51.220 | 51.720 | 52.221 | 52.721 |
| | 12 | 45.460 | 45.960 | 46.461 | 46.961 | 47.462 | 47.962 | 48.462 | 48.963 | 49.463 | 49.963 | 50.464 | 50.964 | 51.465 | 51.965 | 52.465 |
| | 13 | 45.203 | 45.703 | 46.204 | 46.704 | 47.205 | 47.705 | 48.206 | 48.706 | 49.207 | 49.707 | 50.207 | 50.708 | 51.208 | 51.709 | 52.209 |
| | 14 | 44.945 | 45.445 | 45.946 | 46.447 | 46.947 | 47.448 | 47.948 | 48.449 | 48.949 | 49.450 | 49.950 | 50.451 | 50.951 | 51.452 | 51.952 |
| | 15 | 44.686 | 45.187 | 45.688 | 46.188 | 46.689 | 47.190 | 47.690 | 48.191 | 48.691 | 49.192 | 49.693 | 50.193 | 50.694 | 51.194 | 51.695 |
| | 16 | 44.427 | 44.928 | 45.429 | 45.929 | 46.430 | 46.931 | 47.432 | 47.932 | 48.433 | 48.934 | 49.434 | 49.935 | 50.436 | 50.936 | 51.437 |
| | 17 | 44.167 | 44.668 | 45.169 | 45.670 | 46.171 | 46.672 | 47.172 | 47.673 | 48.174 | 48.675 | 49.176 | 49.676 | 50.177 | 50.678 | 51.178 |
| | 18 | 43.907 | 44.408 | 44.909 | 45.410 | 45.911 | 46.412 | 46.913 | 47.413 | 47.914 | 48.415 | 48.916 | 49.417 | 49.918 | 50.419 | 50.919 |
| | 19 | 43.645 | 44.146 | 44.648 | 45.149 | 45.650 | 46.151 | 46.652 | 47.153 | 47.654 | 48.155 | 48.656 | 49.157 | 49.658 | 50.159 | 50.660 |
| | 20 | 43.383 | 43.885 | 44.386 | 44.887 | 45.388 | 45.890 | 46.391 | 46.892 | 47.393 | 47.894 | 48.395 | 48.896 | 49.397 | 49.898 | 50.399 |
| | 21 | 43.120 | 43.622 | 44.123 | 44.625 | 45.126 | 45.628 | 46.129 | 46.630 | 47.131 | 47.633 | 48.134 | 48.635 | 49.136 | 49.637 | 50.139 |
| | 22 | 42.857 | 43.359 | 43.860 | 44.362 | 44.863 | 45.365 | 45.866 | 46.368 | 46.869 | 47.371 | 47.872 | 48.373 | 48.875 | 49.376 | 49.877 |
| | 23 | 42.593 | 43.095 | 43.596 | 44.098 | 44.600 | 45.101 | 45.603 | 46.105 | 46.606 | 47.108 | 47.609 | 48.111 | 48.612 | 49.114 | 49.615 |
| | 24 | 42.328 | 42.830 | 43.332 | 43.834 | 44.335 | 44.837 | 45.339 | 45.841 | 46.343 | 46.844 | 47.346 | 47.848 | 48.349 | 48.851 | 49.352 |
| | 25 | 42.062 | 42.564 | 43.066 | 43.568 | 44.070 | 44.572 | 45.074 | 45.576 | 46.078 | 46.580 | 47.082 | 47.584 | 48.085 | 48.587 | 49.089 |
| | 26 | 41.795 | 42.298 | 42.800 | 43.302 | 43.805 | 44.307 | 44.809 | 45.311 | 45.813 | 46.315 | 46.817 | 47.319 | 47.821 | 48.323 | 48.825 |
| | 27 | 41.528 | 42.030 | 42.533 | 43.035 | 43.538 | 44.040 | 44.543 | 45.045 | 45.547 | 46.050 | 46.552 | 47.054 | 47.556 | 48.058 | 48.560 |
| | 28 | 41.259 | 41.762 | 42.265 | 42.768 | 43.271 | 43.773 | 44.276 | 44.778 | 45.281 | 45.783 | 46.285 | 46.788 | 47.290 | 47.792 | 48.294 |
| | 29 | 40.990 | 41.493 | 41.996 | 42.499 | 43.002 | 43.505 | 44.008 | 44.511 | 45.013 | 45.516 | 46.019 | 46.521 | 47.023 | 47.526 | 48.028 |
| | 30 | 40.720 | 41.223 | 41.727 | 42.230 | 42.733 | 43.236 | 43.739 | 44.242 | 44.745 | 45.248 | 45.751 | 46.254 | 46.756 | 47.259 | 47.761 |
| | 31 | 40.449 | 40.953 | 41.456 | 41.960 | 42.463 | 42.967 | 43.470 | 43.973 | 44.476 | 44.979 | 45.482 | 45.985 | 46.488 | 46.991 | 47.494 |
| | 32 | 40.177 | 40.681 | 41.185 | 41.689 | 42.193 | 42.696 | 43.200 | 43.703 | 44.207 | 44.710 | 45.213 | 45.716 | 46.219 | 46.722 | 47.225 |
| | 33 | 39.904 | 40.409 | 40.913 | 41.417 | 41.921 | 42.425 | 42.929 | 43.432 | 43.936 | 44.440 | 44.943 | 45.447 | 45.950 | 46.453 | 46.956 |
| | 34 | 39.631 | 40.135 | 40.640 | 41.144 | 41.648 | 42.153 | 42.657 | 43.161 | 43.665 | 44.169 | 44.672 | 45.176 | 45.679 | 46.183 | 46.686 |
| | 35 | 39.356 | 39.861 | 40.366 | 40.870 | 41.375 | 41.880 | 42.384 | 42.888 | 43.392 | 43.897 | 44.401 | 44.904 | 45.408 | 45.912 | 46.416 |
| | 36 | 39.080 | 39.585 | 40.091 | 40.596 | 41.101 | 41.605 | 42.110 | 42.615 | 43.119 | 43.624 | 44.128 | 44.632 | 45.136 | 45.640 | 46.144 |
| | 37 | 38.803 | 39.309 | 39.815 | 40.320 | 40.825 | 41.330 | 41.836 | 42.340 | 42.845 | 43.350 | 43.855 | 44.359 | 44.864 | 45.368 | 45.872 |
| | 38 | 38.525 | 39.031 | 39.537 | 40.043 | 40.549 | 41.055 | 41.560 | 42.065 | 42.570 | 43.075 | 43.580 | 44.085 | 44.590 | 45.094 | 45.599 |
| | 39 | 38.246 | 38.753 | 39.259 | 39.766 | 40.272 | 40.778 | 41.283 | 41.789 | 42.295 | 42.800 | 43.305 | 43.810 | 44.315 | 44.820 | 45.325 |
| | 40 | 37.966 | 38.473 | 38.980 | 39.487 | 39.993 | 40.500 | 41.006 | 41.512 | 42.018 | 42.523 | 43.029 | 43.535 | 44.040 | 44.545 | 45.050 |
| | 41 | 37.685 | 38.193 | 38.700 | 39.207 | 39.714 | 40.221 | 40.727 | 41.234 | 41.740 | 42.246 | 42.752 | 43.258 | 43.764 | 44.269 | 44.775 |
| | 42 | 37.403 | 37.911 | 38.418 | 38.926 | 39.433 | 39.941 | 40.448 | 40.954 | 41.461 | 41.968 | 42.474 | 42.980 | 43.486 | 43.992 | 44.498 |
| | 43 | 37.119 | 37.628 | 38.136 | 38.644 | 39.152 | 39.660 | 40.167 | 40.674 | 41.181 | 41.688 | 42.195 | 42.702 | 43.208 | 43.714 | 44.220 |
| | 44 | 36.834 | 37.343 | 37.852 | 38.361 | 38.869 | 39.377 | 39.885 | 40.393 | 40.901 | 41.408 | 41.915 | 42.422 | 42.929 | 43.435 | 43.942 |
| | 45 | 36.548 | 37.058 | 37.567 | 38.076 | 38.585 | 39.094 | 39.602 | 40.111 | 40.619 | 41.126 | 41.634 | 42.141 | 42.649 | 43.156 | 43.663 |
| | 46 | 36.261 | 36.771 | 37.281 | 37.791 | 38.300 | 38.809 | 39.318 | 39.827 | 40.336 | 40.844 | 41.352 | 41.860 | 42.367 | 42.875 | 43.382 |
| | 47 | 35.972 | 36.483 | 36.994 | 37.504 | 38.014 | 38.524 | 39.033 | 39.542 | 40.051 | 40.560 | 41.069 | 41.577 | 42.085 | 42.593 | 43.101 |
| | 48 | 35.682 | 36.194 | 36.705 | 37.216 | 37.727 | 38.237 | 38.747 | 39.257 | 39.766 | 40.275 | 40.785 | 41.293 | 41.802 | 42.310 | 42.819 |
| | 49 | 35.391 | 35.903 | 36.415 | 36.927 | 37.438 | 37.949 | 38.459 | 38.970 | 39.480 | 39.990 | 40.499 | 41.008 | 41.518 | 42.026 | 42.535 |
| | 50 | 35.098 | 35.611 | 36.123 | 36.636 | 37.148 | 37.659 | 38.170 | 38.681 | 39.192 | 39.703 | 40.213 | 40.722 | 41.232 | 41.741 | 42.251 |
| | 51 | 34.803 | 35.317 | 35.831 | 36.344 | 36.856 | 37.368 | 37.880 | 38.392 | 38.903 | 39.414 | 39.925 | 40.435 | 40.945 | 41.455 | 41.965 |
| | 52 | 34.508 | 35.022 | 35.536 | 36.050 | 36.563 | 37.076 | 37.589 | 38.101 | 38.613 | 39.125 | 39.636 | 40.147 | 40.658 | 41.168 | 41.678 |
| | 53 | 34.210 | 34.726 | 35.240 | 35.755 | 36.269 | 36.783 | 37.296 | 37.809 | 38.322 | 38.834 | 39.346 | 39.857 | 40.369 | 40.880 | 41.390 |
| | 54 | 33.911 | 34.427 | 34.943 | 35.458 | 35.973 | 36.488 | 37.002 | 37.516 | 38.029 | 38.542 | 39.054 | 39.567 | 40.079 | 40.590 | 41.101 |
| | 55 | 33.610 | 34.127 | 34.644 | 35.160 | 35.676 | 36.191 | 36.706 | 37.221 | 37.735 | 38.248 | 38.762 | 39.275 | 39.787 | 40.299 | 40.811 |
| | 56 | 33.308 | 33.826 | 34.344 | 34.861 | 35.377 | 35.893 | 36.409 | 36.924 | 37.439 | 37.954 | 38.467 | 38.981 | 39.494 | 40.007 | 40.520 |
| | 57 | 33.003 | 33.522 | 34.041 | 34.559 | 35.077 | 35.594 | 36.110 | 36.627 | 37.142 | 37.657 | 38.172 | 38.686 | 39.200 | 39.714 | 40.227 |
| | 58 | 32.697 | 33.217 | 33.737 | 34.256 | 34.775 | 35.293 | 35.810 | 36.327 | 36.844 | 37.360 | 37.875 | 38.390 | 38.905 | 39.419 | 39.933 |
| | 59 | 32.389 | 32.910 | 33.431 | 33.951 | 34.471 | 34.990 | 35.508 | 36.026 | 36.544 | 37.060 | 37.577 | 38.093 | 38.608 | 39.123 | 39.638 |
| | 60 | 32.079 | 32.601 | 33.124 | 33.645 | 34.165 | 34.685 | 35.205 | 35.724 | 36.242 | 36.760 | 37.277 | 37.794 | 38.310 | 38.826 | 39.341 |

| Y \ X | | X=Z _B -Z _d | | | | | | | | | | | | | | |
|----------------------------------|----|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 |
| Y=Z _B -Z _d | 1 | 55.750 | 56.250 | 56.750 | 57.250 | 57.750 | 58.250 | 58.750 | 59.250 | 59.750 | 60.250 | 60.750 | 61.250 | 61.750 | 62.250 | 62.750 |
| | 2 | 55.499 | 55.999 | 56.499 | 56.999 | 57.499 | 57.999 | 58.499 | 58.999 | 59.499 | 59.999 | 60.499 | 60.999 | 61.499 | 61.999 | 62.499 |
| | 3 | 55.248 | 55.748 | 56.248 | 56.748 | 57.248 | 57.748 | 58.248 | 58.748 | 59.248 | 59.748 | 60.248 | 60.748 | 61.248 | 61.748 | 62.248 |
| | 4 | 54.996 | 55.496 | 55.996 | 56.496 | 56.996 | 57.496 | 57.997 | 58.497 | 58.997 | 59.497 | 59.997 | 60.497 | 60.997 | 61.497 | 61.997 |
| | 5 | 54.744 | 55.244 | 55.744 | 56.244 | 56.744 | 57.244 | 57.745 | 58.245 | 58.745 | 59.245 | 59.745 | 60.245 | 60.745 | 61.245 | 61.745 |
| | 6 | 54.492 | 54.992 | 55.492 | 55.992 | 56.492 | 56.992 | 57.492 | 57.992 | 58.492 | 58.992 | 59.492 | 59.992 | 60.492 | 60.993 | 61.493 |
| | 7 | 54.239 | 54.739 | 55.239 | 55.739 | 56.239 | 56.739 | 57.239 | 57.739 | 58.239 | 58.739 | 59.240 | 59.740 | 60.240 | 60.740 | 61.240 |
| | 8 | 53.985 | 54.485 | 54.985 | 55.485 | 55.986 | 56.486 | 56.986 | 57.486 | 57.986 | 58.486 | 58.986 | 59.486 | 59.986 | 60.487 | 60.987 |
| | 9 | 53.731 | 54.231 | 54.731 | 55.231 | 55.732 | 56.232 | 56.732 | 57.232 | 57.732 | 58.232 | 58.733 | 59.233 | 59.733 | 60.233 | 60.733 |
| | 10 | 53.476 | 53.977 | 54.477 | 54.977 | 55.477 | 55.977 | 56.478 | 56.978 | 57.478 | 57.978 | 58.478 | 58.979 | 59.479 | 59.979 | 60.479 |
| | 11 | 53.221 | 53.721 | 54.222 | 54.722 | 55.222 | 55.722 | 56.223 | 56.723 | 57.223 | 57.723 | 58.224 | 58.724 | 59.224 | 59.724 | 60.225 |
| | 12 | 52.966 | 53.466 | 53.966 | 54.467 | 54.967 | 55.467 | 55.967 | 56.468 | 56.968 | 57.468 | 57.969 | 58.469 | 58.969 | 59.469 | 59.970 |
| | 13 | 52.709 | 53.210 | 53.710 | 54.211 | 54.711 | 55.211 | 55.712 | 56.212 | 56.712 | 57.213 | 57.713 | 58.213 | 58.714 | 59.214 | 59.714 |
| | 14 | 52.453 | 52.953 | 53.454 | 53.954 | 54.454 | 54.955 | 55.455 | 55.956 | 56.456 | 56.956 | 57.457 | 57.957 | 58.458 | 58.958 | 59.458 |
| | 15 | 52.195 | 52.696 | 53.196 | 53.697 | 54.197 | 54.698 | 55.198 | 55.699 | 56.199 | 56.700 | 57.200 | 57.701 | 58.201 | 58.701 | 59.202 |
| | 16 | 51.938 | 52.438 | 52.939 | 53.439 | 53.940 | 54.440 | 54.941 | 55.442 | 55.942 | 56.443 | 56.943 | 57.444 | 57.944 | 58.445 | 58.945 |
| | 17 | 51.679 | 52.180 | 52.681 | 53.181 | 53.682 | 54.182 | 54.683 | 55.184 | 55.684 | 56.185 | 56.685 | 57.186 | 57.687 | 58.187 | 58.688 |
| | 18 | 51.420 | 51.921 | 52.422 | 52.922 | 53.423 | 53.924 | 54.425 | 54.925 | 55.426 | 55.927 | 56.427 | 56.928 | 57.429 | 57.929 | 58.430 |
| | 19 | 51.161 | 51.661 | 52.162 | 52.663 | 53.164 | 53.665 | 54.166 | 54.666 | 55.167 | 55.668 | 56.169 | 56.669 | 57.170 | 57.671 | 58.171 |
| | 20 | 50.900 | 51.401 | 51.902 | 52.403 | 52.904 | 53.405 | 53.906 | 54.407 | 54.908 | 55.409 | 55.909 | 56.410 | 56.911 | 57.412 | 57.913 |
| | 21 | 50.640 | 51.141 | 51.642 | 52.143 | 52.644 | 53.145 | 53.646 | 54.147 | 54.648 | 55.149 | 55.650 | 56.151 | 56.651 | 57.152 | 57.653 |
| | 22 | 50.378 | 50.880 | 51.381 | 51.882 | 52.383 | 52.884 | 53.385 | 53.886 | 54.387 | 54.888 | 55.389 | 55.890 | 56.391 | 56.892 | 57.393 |
| | 23 | 50.116 | 50.618 | 51.119 | 51.620 | 52.121 | 52.623 | 53.124 | 53.625 | 54.126 | 54.627 | 55.128 | 55.630 | 56.131 | 56.632 | 57.133 |
| | 24 | 49.854 | 50.355 | 50.857 | 51.358 | 51.859 | 52.361 | 52.862 | 53.363 | 53.865 | 54.366 | 54.867 | 55.368 | 55.869 | 56.371 | 56.872 |
| | 25 | 49.590 | 50.092 | 50.594 | 51.095 | 51.597 | 52.098 | 52.600 | 53.101 | 53.602 | 54.104 | 54.605 | 55.106 | 55.608 | 56.109 | 56.610 |
| | 26 | 49.326 | 49.828 | 50.330 | 50.832 | 51.333 | 51.835 | 52.336 | 52.838 | 53.339 | 53.841 | 54.342 | 54.844 | 55.345 | 55.847 | 56.348 |
| | 27 | 49.062 | 49.564 | 50.066 | 50.567 | 51.069 | 51.571 | 52.073 | 52.574 | 53.076 | 53.578 | 54.079 | 54.581 | 55.082 | 55.584 | 56.085 |
| | 28 | 48.797 | 49.299 | 49.801 | 50.303 | 50.805 | 51.306 | 51.808 | 52.310 | 52.812 | 53.314 | 53.815 | 54.317 | 54.819 | 55.321 | 55.822 |
| | 29 | 48.531 | 49.033 | 49.535 | 50.037 | 50.539 | 51.041 | 51.543 | 52.045 | 52.547 | 53.049 | 53.551 | 54.053 | 54.555 | 55.057 | 55.558 |
| | 30 | 48.264 | 48.766 | 49.269 | 49.771 | 50.273 | 50.776 | 51.278 | 51.780 | 52.282 | 52.784 | 53.286 | 53.788 | 54.290 | 54.792 | 55.294 |
| | 31 | 47.996 | 48.499 | 49.002 | 49.504 | 50.007 | 50.509 | 51.011 | 51.514 | 52.016 | 52.518 | 53.020 | 53.523 | 54.025 | 54.527 | 55.029 |
| | 32 | 47.728 | 48.231 | 48.734 | 49.237 | 49.739 | 50.242 | 50.744 | 51.247 | 51.749 | 52.252 | 52.754 | 53.256 | 53.759 | 54.261 | 54.763 |
| | 33 | 47.459 | 47.962 | 48.465 | 48.968 | 49.471 | 49.974 | 50.477 | 50.979 | 51.482 | 51.985 | 52.487 | 52.990 | 53.492 | 53.995 | 54.497 |
| | 34 | 47.190 | 47.693 | 48.196 | 48.699 | 49.202 | 49.705 | 50.208 | 50.711 | 51.214 | 51.717 | 52.220 | 52.722 | 53.225 | 53.727 | 54.230 |
| | 35 | 46.919 | 47.423 | 47.926 | 48.430 | 48.933 | 49.436 | 49.939 | 50.442 | 50.945 | 51.448 | 51.951 | 52.454 | 52.957 | 53.460 | 53.962 |
| | 36 | 46.648 | 47.152 | 47.656 | 48.159 | 48.663 | 49.166 | 49.670 | 50.173 | 50.676 | 51.179 | 51.682 | 52.185 | 52.688 | 53.191 | 53.694 |
| | 37 | 46.376 | 46.880 | 47.384 | 47.888 | 48.392 | 48.895 | 49.399 | 49.903 | 50.406 | 50.909 | 51.413 | 51.916 | 52.419 | 52.922 | 53.425 |
| | 38 | 46.103 | 46.608 | 47.112 | 47.616 | 48.120 | 48.624 | 49.128 | 49.632 | 50.135 | 50.639 | 51.142 | 51.646 | 52.149 | 52.653 | 53.156 |
| | 39 | 45.830 | 46.334 | 46.839 | 47.343 | 47.847 | 48.352 | 48.856 | 49.360 | 49.864 | 50.368 | 50.871 | 51.375 | 51.879 | 52.382 | 52.886 |
| | 40 | 45.555 | 46.060 | 46.565 | 47.069 | 47.574 | 48.079 | 48.583 | 49.087 | 49.591 | 50.095 | 50.600 | 51.103 | 51.607 | 52.111 | 52.615 |
| | 41 | 45.280 | 45.785 | 46.290 | 46.795 | 47.300 | 47.805 | 48.309 | 48.814 | 49.318 | 49.823 | 50.327 | 50.831 | 51.335 | 51.839 | 52.343 |
| | 42 | 45.004 | 45.509 | 46.014 | 46.520 | 47.025 | 47.530 | 48.035 | 48.540 | 49.044 | 49.549 | 50.054 | 50.558 | 51.062 | 51.567 | 52.071 |
| | 43 | 44.726 | 45.232 | 45.738 | 46.244 | 46.749 | 47.254 | 47.760 | 48.265 | 48.770 | 49.275 | 49.780 | 50.284 | 50.789 | 51.293 | 51.798 |
| | 44 | 44.448 | 44.955 | 45.461 | 45.967 | 46.472 | 46.978 | 47.484 | 47.989 | 48.494 | 49.000 | 49.505 | 50.010 | 50.515 | 51.019 | 51.524 |
| | 45 | 44.169 | 44.676 | 45.182 | 45.689 | 46.195 | 46.701 | 47.207 | 47.712 | 48.218 | 48.724 | 49.229 | 49.734 | 50.240 | 50.745 | 51.250 |
| | 46 | 43.889 | 44.396 | 44.903 | 45.410 | 45.916 | 46.423 | 46.929 | 47.435 | 47.941 | 48.447 | 48.953 | 49.458 | 49.964 | 50.469 | 50.974 |
| | 47 | 43.608 | 44.116 | 44.623 | 45.130 | 45.637 | 46.144 | 46.650 | 47.157 | 47.663 | 48.169 | 48.675 | 49.181 | 49.687 | 50.193 | 50.698 |
| | 48 | 43.327 | 43.834 | 44.342 | 44.849 | 45.357 | 45.864 | 46.371 | 46.878 | 47.384 | 47.891 | 48.397 | 48.903 | 49.409 | 49.915 | 50.421 |
| | 49 | 43.044 | 43.552 | 44.060 | 44.568 | 45.075 | 45.583 | 46.090 | 46.597 | 47.104 | 47.611 | 48.118 | 48.625 | 49.131 | 49.637 | 50.144 |
| | 50 | 42.760 | 43.268 | 43.777 | 44.285 | 44.793 | 45.301 | 45.809 | 46.316 | 46.824 | 47.331 | 47.838 | 48.345 | 48.852 | 49.359 | 49.865 |
| | 51 | 42.474 | 42.984 | 43.493 | 44.001 | 44.510 | 45.018 | 45.526 | 46.034 | 46.542 | 47.050 | 47.557 | 48.065 | 48.572 | 49.079 | 49.586 |
| | 52 | 42.188 | 42.698 | 43.207 | 43.717 | 44.226 | 44.734 | 45.243 | 45.751 | 46.260 | 46.768 | 47.276 | 47.783 | 48.291 | 48.798 | 49.305 |
| | 53 | 41.901 | 42.411 | 42.921 | 43.431 | 43.940 | 44.450 | 44.959 | 45.468 | 45.976 | 46.485 | 46.993 | 47.501 | 48.009 | 48.517 | 49.024 |
| | 54 | 41.612 | 42.123 | 42.634 | 43.144 | 43.654 | 44.164 | 44.673 | 45.183 | 45.692 | 46.201 | 46.709 | 47.218 | 47.726 | 48.234 | 48.742 |
| | 55 | 41.323 | 41.834 | 42.345 | 42.856 | 43.367 | 43.877 | 44.387 | 44.897 | 45.406 | 45.916 | 46.425 | 46.934 | 47.442 | 47.951 | 48.459 |
| | 56 | 41.032 | 41.544 | 42.056 | 42.567 | 43.078 | 43.589 | 44.099 | 44.610 | 45.120 | 45.630 | 46.139 | 46.649 | 47.158 | 47.667 | 48.176 |
| | 57 | 40.740 | 41.253 | 41.765 | 42.277 | 42.788 | 43.300 | 43.811 | 44.322 | 44.832 | 45.342 | 45.853 | 46.362 | 46.872 | 47.382 | 47.891 |
| | 58 | 40.447 | 40.960 | 41.473 | 41.985 | 42.497 | 43.009 | 43.521 | 44.032 | 44.544 | 45.054 | 45.565 | 46.075 | 46.585 | 47.095 | 47.605 |
| | 59 | 40.152 | 40.666 | 41.179 | 41.693 | 42.205 | 42.718 | 43.230 | 43.742 | 44.254 | 44.765 | 45.276 | 45.787 | 46.298 | 46.808 | 47.318 |
| | 60 | 39.856 | 40.371 | 40.885 | 41.399 | 41.912 | 42.425 | 42.938 | 43.451 | 43.963 | 44.475 | 44.986 | 45.498 | 46.009 | 46.520 | 47.031 |

軸間距離早見表

| X Y | | X=Z _B —Z _d | | | | | | | | | | | | | | |
|----------------------------------|----|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 |
| Y=Z ₀ —Z _d | 1 | 63.250 | 63.750 | 64.250 | 64.750 | 65.250 | 65.750 | 66.250 | 66.750 | 67.250 | 67.750 | 68.250 | 68.750 | 69.250 | 69.750 | 70.250 |
| | 2 | 62.999 | 63.499 | 63.999 | 64.499 | 64.999 | 65.499 | 65.999 | 66.499 | 66.999 | 67.499 | 67.999 | 68.499 | 68.999 | 69.499 | 69.999 |
| | 3 | 62.748 | 63.248 | 63.748 | 64.248 | 64.748 | 65.248 | 65.748 | 66.248 | 66.748 | 67.248 | 67.748 | 68.248 | 68.748 | 69.248 | 69.748 |
| | 4 | 62.497 | 62.997 | 63.497 | 63.997 | 64.497 | 64.997 | 65.497 | 65.997 | 66.497 | 66.997 | 67.497 | 67.997 | 68.497 | 68.997 | 69.497 |
| | 5 | 62.245 | 62.745 | 63.245 | 63.745 | 64.245 | 64.745 | 65.245 | 65.745 | 66.245 | 66.745 | 67.245 | 67.745 | 68.245 | 68.745 | 69.245 |
| | 6 | 61.993 | 62.493 | 62.993 | 63.493 | 63.993 | 64.493 | 64.993 | 65.493 | 65.993 | 66.493 | 66.993 | 67.493 | 67.993 | 68.493 | 68.993 |
| | 7 | 61.740 | 62.240 | 62.740 | 63.240 | 63.740 | 64.240 | 64.740 | 65.240 | 65.741 | 66.241 | 66.741 | 67.241 | 67.741 | 68.241 | 68.741 |
| | 8 | 61.487 | 61.987 | 62.487 | 62.987 | 63.487 | 63.987 | 64.487 | 64.988 | 65.488 | 65.988 | 66.488 | 66.988 | 67.488 | 67.988 | 68.488 |
| | 9 | 61.233 | 61.733 | 62.234 | 62.734 | 63.234 | 63.734 | 64.234 | 64.734 | 65.234 | 65.734 | 66.235 | 66.735 | 67.235 | 67.735 | 68.235 |
| | 10 | 60.979 | 61.479 | 61.980 | 62.480 | 62.980 | 63.480 | 63.980 | 64.480 | 64.981 | 65.481 | 65.981 | 66.481 | 66.981 | 67.481 | 67.981 |
| | 11 | 60.725 | 61.225 | 61.725 | 62.225 | 62.726 | 63.226 | 63.726 | 64.226 | 64.726 | 65.227 | 65.727 | 66.227 | 66.727 | 67.227 | 67.727 |
| | 12 | 60.470 | 60.970 | 61.470 | 61.971 | 62.471 | 62.971 | 63.471 | 63.971 | 64.472 | 64.972 | 65.472 | 65.972 | 66.473 | 66.973 | 67.473 |
| | 13 | 60.214 | 60.715 | 61.215 | 61.715 | 62.216 | 62.716 | 63.216 | 63.716 | 64.217 | 64.717 | 65.217 | 65.717 | 66.218 | 66.718 | 67.218 |
| | 14 | 59.959 | 60.459 | 60.959 | 61.460 | 61.960 | 62.460 | 62.961 | 63.461 | 63.961 | 64.461 | 64.962 | 65.462 | 65.962 | 66.463 | 66.963 |
| | 15 | 59.702 | 60.203 | 60.703 | 61.203 | 61.704 | 62.204 | 62.705 | 63.205 | 63.705 | 64.206 | 64.706 | 65.206 | 65.707 | 66.207 | 66.707 |
| | 16 | 59.445 | 59.946 | 60.446 | 60.947 | 61.447 | 61.948 | 62.448 | 62.948 | 63.449 | 63.949 | 64.450 | 64.950 | 65.450 | 65.951 | 66.451 |
| | 17 | 59.188 | 59.689 | 60.189 | 60.690 | 61.190 | 61.691 | 62.191 | 62.692 | 63.192 | 63.693 | 64.193 | 64.693 | 65.194 | 65.694 | 66.195 |
| | 18 | 58.930 | 59.431 | 59.932 | 60.432 | 60.933 | 61.433 | 61.934 | 62.434 | 62.935 | 63.435 | 63.936 | 64.436 | 64.937 | 65.437 | 65.938 |
| | 19 | 58.672 | 59.173 | 59.673 | 60.174 | 60.675 | 61.175 | 61.676 | 62.176 | 62.677 | 63.178 | 63.678 | 64.179 | 64.679 | 65.180 | 65.680 |
| | 20 | 58.413 | 58.914 | 59.415 | 59.915 | 60.416 | 60.917 | 61.418 | 61.918 | 62.419 | 62.919 | 63.420 | 63.921 | 64.421 | 64.922 | 65.423 |
| | 21 | 58.154 | 58.655 | 59.156 | 59.656 | 60.157 | 60.658 | 61.159 | 61.659 | 62.160 | 62.661 | 63.162 | 63.662 | 64.163 | 64.664 | 65.164 |
| | 22 | 57.894 | 58.395 | 58.896 | 59.397 | 59.898 | 60.399 | 60.899 | 61.400 | 61.901 | 62.402 | 62.903 | 63.403 | 63.904 | 64.405 | 64.906 |
| | 23 | 57.634 | 58.135 | 58.636 | 59.137 | 59.638 | 60.139 | 60.640 | 61.140 | 61.641 | 62.142 | 62.643 | 63.144 | 63.645 | 64.146 | 64.646 |
| | 24 | 57.373 | 57.874 | 58.375 | 58.876 | 59.377 | 59.878 | 60.379 | 60.880 | 61.381 | 61.882 | 62.383 | 62.884 | 63.385 | 63.886 | 64.387 |
| | 25 | 57.111 | 57.613 | 58.114 | 58.615 | 59.116 | 59.617 | 60.118 | 60.619 | 61.120 | 61.622 | 62.123 | 62.624 | 63.125 | 63.626 | 64.127 |
| | 26 | 56.849 | 57.351 | 57.852 | 58.353 | 58.855 | 59.356 | 59.857 | 60.358 | 60.859 | 61.360 | 61.862 | 62.363 | 62.864 | 63.365 | 63.866 |
| | 27 | 56.587 | 57.088 | 57.590 | 58.091 | 58.592 | 59.094 | 59.595 | 60.096 | 60.598 | 61.099 | 61.600 | 62.101 | 62.603 | 63.104 | 63.605 |
| | 28 | 56.324 | 56.825 | 57.327 | 57.828 | 58.330 | 58.831 | 59.333 | 59.834 | 60.335 | 60.837 | 61.338 | 61.839 | 62.341 | 62.842 | 63.343 |
| | 29 | 56.060 | 56.562 | 57.063 | 57.565 | 58.067 | 58.568 | 59.070 | 59.571 | 60.073 | 60.574 | 61.076 | 61.577 | 62.078 | 62.580 | 63.081 |
| | 30 | 55.796 | 56.298 | 56.799 | 57.301 | 57.803 | 58.304 | 58.806 | 59.308 | 59.809 | 60.311 | 60.813 | 61.314 | 61.816 | 62.317 | 62.819 |
| | 31 | 55.531 | 56.033 | 56.535 | 57.037 | 57.538 | 58.040 | 58.542 | 59.044 | 59.546 | 60.047 | 60.549 | 61.051 | 61.552 | 62.054 | 62.555 |
| | 32 | 55.265 | 55.767 | 56.270 | 56.772 | 57.274 | 57.776 | 58.277 | 58.779 | 59.281 | 59.783 | 60.285 | 60.787 | 61.288 | 61.790 | 62.292 |
| | 33 | 54.999 | 55.501 | 56.004 | 56.506 | 57.008 | 57.510 | 58.012 | 58.514 | 59.016 | 59.518 | 60.020 | 60.522 | 61.024 | 61.526 | 62.028 |
| | 34 | 54.733 | 55.235 | 55.737 | 56.240 | 56.742 | 57.244 | 57.746 | 58.249 | 58.751 | 59.253 | 59.755 | 60.257 | 60.759 | 61.261 | 61.763 |
| | 35 | 54.465 | 54.968 | 55.470 | 55.973 | 56.475 | 56.978 | 57.480 | 57.982 | 58.485 | 58.987 | 59.489 | 59.991 | 60.494 | 60.996 | 61.498 |
| | 36 | 54.197 | 54.700 | 55.203 | 55.705 | 56.208 | 56.711 | 57.213 | 57.716 | 58.218 | 58.720 | 59.223 | 59.725 | 60.227 | 60.730 | 61.232 |
| | 37 | 53.928 | 54.431 | 54.934 | 55.437 | 55.940 | 56.443 | 56.946 | 57.448 | 57.951 | 58.453 | 58.956 | 59.458 | 59.961 | 60.463 | 60.966 |
| | 38 | 53.659 | 54.162 | 54.665 | 55.168 | 55.671 | 56.174 | 56.677 | 57.180 | 57.683 | 58.186 | 58.688 | 59.191 | 59.694 | 60.196 | 60.699 |
| | 39 | 53.389 | 53.893 | 54.396 | 54.899 | 55.402 | 55.905 | 56.408 | 56.912 | 57.414 | 57.917 | 58.420 | 58.923 | 59.426 | 59.929 | 60.431 |
| | 40 | 53.119 | 53.622 | 54.126 | 54.629 | 55.132 | 55.636 | 56.139 | 56.642 | 57.145 | 57.648 | 58.152 | 58.655 | 59.157 | 59.660 | 60.163 |
| | 41 | 52.847 | 53.351 | 53.855 | 54.358 | 54.862 | 55.365 | 55.869 | 56.372 | 56.876 | 57.379 | 57.882 | 58.385 | 58.888 | 59.392 | 59.895 |
| | 42 | 52.575 | 53.079 | 53.583 | 54.087 | 54.591 | 55.094 | 55.598 | 56.102 | 56.605 | 57.109 | 57.612 | 58.116 | 58.619 | 59.122 | 59.625 |
| | 43 | 52.302 | 52.807 | 53.311 | 53.815 | 54.319 | 54.823 | 55.327 | 55.831 | 56.334 | 56.838 | 57.342 | 57.845 | 58.349 | 58.852 | 59.355 |
| | 44 | 52.029 | 52.533 | 53.038 | 53.542 | 54.046 | 54.551 | 55.055 | 55.559 | 56.063 | 56.567 | 57.070 | 57.574 | 58.078 | 58.581 | 59.085 |
| | 45 | 51.754 | 52.259 | 52.764 | 53.269 | 53.773 | 54.277 | 54.782 | 55.286 | 55.790 | 56.294 | 56.798 | 57.302 | 57.806 | 58.310 | 58.814 |
| | 46 | 51.479 | 51.984 | 52.489 | 52.994 | 53.499 | 54.004 | 54.508 | 55.013 | 55.517 | 56.022 | 56.526 | 57.030 | 57.534 | 58.038 | 58.542 |
| | 47 | 51.204 | 51.709 | 52.214 | 52.719 | 53.224 | 53.729 | 54.234 | 54.739 | 55.244 | 55.748 | 56.253 | 56.757 | 57.261 | 57.766 | 58.270 |
| | 48 | 50.927 | 51.433 | 51.938 | 52.444 | 52.949 | 53.454 | 53.959 | 54.464 | 54.969 | 55.474 | 55.979 | 56.483 | 56.988 | 57.492 | 57.997 |
| | 49 | 50.650 | 51.156 | 51.661 | 52.167 | 52.673 | 53.178 | 53.684 | 54.189 | 54.694 | 55.199 | 55.704 | 56.209 | 56.714 | 57.219 | 57.723 |
| | 50 | 50.371 | 50.878 | 51.384 | 51.890 | 52.396 | 52.901 | 53.407 | 53.913 | 54.418 | 54.924 | 55.429 | 55.934 | 56.439 | 56.944 | 57.449 |
| | 51 | 50.092 | 50.599 | 51.105 | 51.612 | 52.118 | 52.624 | 53.130 | 53.636 | 54.142 | 54.647 | 55.153 | 55.658 | 56.163 | 56.669 | 57.174 |
| | 52 | 49.812 | 50.319 | 50.826 | 51.333 | 51.839 | 52.346 | 52.852 | 53.358 | 53.864 | 54.370 | 54.876 | 55.382 | 55.887 | 56.393 | 56.898 |
| | 53 | 49.532 | 50.039 | 50.546 | 51.053 | 51.560 | 52.067 | 52.573 | 53.080 | 53.586 | 54.092 | 54.598 | 55.104 | 55.610 | 56.116 | 56.622 |
| | 54 | 49.250 | 49.758 | 50.265 | 50.773 | 51.280 | 51.787 | 52.294 | 52.801 | 53.307 | 53.814 | 54.320 | 54.826 | 55.333 | 55.839 | 56.345 |
| | 55 | 48.968 | 49.476 | 49.984 | 50.491 | 50.999 | 51.506 | 52.013 | 52.521 | 53.028 | 53.534 | 54.041 | 54.548 | 55.054 | 55.560 | 56.067 |
| | 56 | 48.684 | 49.193 | 49.701 | 50.209 | 50.717 | 51.225 | 51.732 | 52.240 | 52.747 | 53.254 | 53.761 | 54.268 | 54.775 | 55.282 | 55.788 |
| | 57 | 48.400 | 48.909 | 49.417 | 49.926 | 50.434 | 50.942 | 51.450 | 51.958 | 52.466 | 52.973 | 53.481 | 53.988 | 54.495 | 55.002 | 55.509 |
| | 58 | 48.115 | 48.624 | 49.133 | 49.642 | 50.150 | 50.659 | 51.167 | 51.676 | 52.184 | 52.691 | 53.199 | 53.707 | 54.214 | 54.721 | 55.229 |
| | 59 | 47.828 | 48.338 | 48.847 | 49.357 | 49.866 | 50.375 | 50.884 | 51.392 | 51.901 | 52.409 | 52.917 | 53.425 | 53.933 | 54.440 | 54.948 |
| | 60 | 47.541 | 48.051 | 48.561 | 49.071 | 49.580 | 50.090 | 50.599 | 51.108 | 51.617 | 52.125 | 52.634 | 53.142 | 53.650 | 54.158 | 54.666 |

G ベルトとプーリの異常とその対策

| 異常の現象 | 異 常 | 処 置 |
|-------------------|--|---|
| 側面異常摩耗 | <ul style="list-style-type: none"> ● プーリアライメント不良 ● プーリシャフトの平行度不良 ● プーリフランジの曲り | <ul style="list-style-type: none"> ● アライメントを再調整する ● プーリシャフトの平行度を修正する ● フランジの曲りを修正する |
| 歯の圧力作用面の異常摩耗 | <ul style="list-style-type: none"> ● オーバーロード ● ベルトの張りすぎ、ゆるみすぎ | <ul style="list-style-type: none"> ● 設計変更し、ベルト幅を広げるか、ベルトピッチの大きいベルトを使用する ● ベルトの初張力を調整する |
| プーリ外周面に接する部分の異常摩耗 | <ul style="list-style-type: none"> ● ベルトの張りすぎ ● プーリ歯形不良 | <ul style="list-style-type: none"> ● ベルトの初張力を調整する ● 特にプーリ歯先のRに注意し作り直す |
| 歯の欠損 | <ul style="list-style-type: none"> ● プーリ径過小 ● 小プーリかみ合い歯数が6歯以下 ● ショックロードがかかる | <ul style="list-style-type: none"> ● 設計変更する ● 小プーリかみ合い歯数を増加または設計変更する ● ベルトにショックがかからないようにする ● ベルト幅を広げる |
| 心線の切断 | <ul style="list-style-type: none"> ● オーバーロード ● 心線の弾性低下または腐蝕 ● 異物のかみ込み ● 80℃以上の使用 | <ul style="list-style-type: none"> ● 設計変更する ● ベルトの保存状態、輸送状況をチェックする ● ベルト周りにカバーの設置 ● 環境温度を下げる |
| 背面の亀裂 | <ul style="list-style-type: none"> ● 環境温度-30℃以下の使用 ● プーリ径過小 | <ul style="list-style-type: none"> ● 環境温度を上げる ● プーリ径を大きくする |
| ゴムの熱老化 | <ul style="list-style-type: none"> ● 90℃以上の環境温度によるゴムの熱老化 | <ul style="list-style-type: none"> ● 環境温度を下げる |
| ゴムの膨潤 | <ul style="list-style-type: none"> ● 油が付着する ● 水が付着する | <ul style="list-style-type: none"> ● 油の付着をさける ● 水の付着をさける |
| プーリ歯の異常摩耗 | <ul style="list-style-type: none"> ● オーバーロード ● ベルトの張りすぎ ● プーリ材質の不適(柔かすぎる) | <ul style="list-style-type: none"> ● 設計変更する ● ベルトの初張力を調整する ● 表面処理をするか材質を変更する |
| プーリ外周摩耗 | <ul style="list-style-type: none"> ● プーリの寿命 ● ベルトの張りすぎ (ベルトの裏側に抗張体が見えている) | <ul style="list-style-type: none"> ● 新しいプーリに取り替える ● 新しいプーリ、ベルトに替え同時にベルトの張りをゆるめる |
| 異常運転音 | <ul style="list-style-type: none"> ● アライメント不良 ● ベルトの張りすぎ ● オーバーロード ● プーリ径過小 ● プーリ歯形不良 | <ul style="list-style-type: none"> ● アライメントを調整する ● 初張力を調整する ● 設計変更する ● 設計変更する ● プーリ歯形を正規の寸法にする |
| みかけ上のベルトの伸び | <ul style="list-style-type: none"> ● 軸間距離が短い ● 基礎がゆるんでいる | <ul style="list-style-type: none"> ● 正確な軸間距離に調整する ● 基礎の固定を強化する |

伝動システムをコンピュータで設計

いまや、伝動システムの効率化、コストダウンの問題について変革の時代。これまでの、カンや経験に頼ってでは、その合理化にのり遅れます。さっそく、伝動システムのご検討を……。
＜三ツ星＞には、従来のチェーン・ギヤ、減速機などにとってもかわる、伝動システムの新星、タイミング伝動などが待機しています。

●ハガキにご記入ください。
伝動装置をご設計の方は……さっそく、ハガキに所定の事項をご記入のうえ、郵送してください。
お手もとに、コンピュータによる設計検討書をお送りします。

1-1 三ツ星タイミング伝動コンピュータ設計検討書 年 月 日 Ref No. _____

〔 〕 御中

三ツ星ベルト株式会社
技 No. ()

貴社ご使用条件により設計検討しました結果、ご報告申し上げます。

| 〔Ⅰ〕ご使用条件 | | 〔Ⅱ〕設計検討結果 | |
|-----------------------------------|--|---|--|
| 1. 機 械 名 () | | 1. 過 負 荷 係 数 | |
| 2. 伝 動 動 力 定格 () kw () kw | | 2. 設 計 動 力 | |
| 3. 回 転 数 駆動 () rpm 従動 () rpm | | 3. ベルトタイプ | |
| 4. プーリーピッチ径 駆動 () mm 従動 () mm | | 4. プーリー プーリーは、標準在庫品があります。ご使用条件が満足できる場合、標準在庫プーリーは価格的にも納期的にも大変お徳です。非標準プーリー使用の場合と区別して計算しました。 | |
| 5. 軸 間 距 離 (土) mm | | | |
| 6. 稼 働 時 間 () 時間/日 | | (A) 標準在庫プーリー使用の場合 (B) 非標準プーリー使用の場合 | |
| 7. そ の 他 条 件 | | 駆動プーリー 歯 数 () () | |
| 衝撃程度 () | | ピッチ径 () mm () mm | |
| ブレーキ () GD^2 () $N \cdot m^2$ | | 従動プーリー 歯 数 () () | |
| 停止迄の時間 () sec | | ピッチ径 () mm () mm | |
| 正逆運転 () | | 5. 回 転 数 駆 動 () rpm () rpm | |
| | | 従 動 () rpm () rpm | |
| | | 6. 回 転 比 () () | |
| | | 7. T. I. M. 歯 数 () () | |
| | | 8. ベルト速度 () m/sec () m/sec | |
| | | 9. ベルト単位幅当り伝動容量 () () | |
| | | 10. ベルト幅 () mm () mm | |
| | | 11. ベルト長さ () mm () mm | |
| | | 12. ま と め | |
| | | ベルト () () | |
| | | () 本掛 () 本掛 | |
| | | プーリー 駆 動 () () | |
| | | 従 動 () () | |
| | | 軸間距離 () mm () mm | |
| | | | |

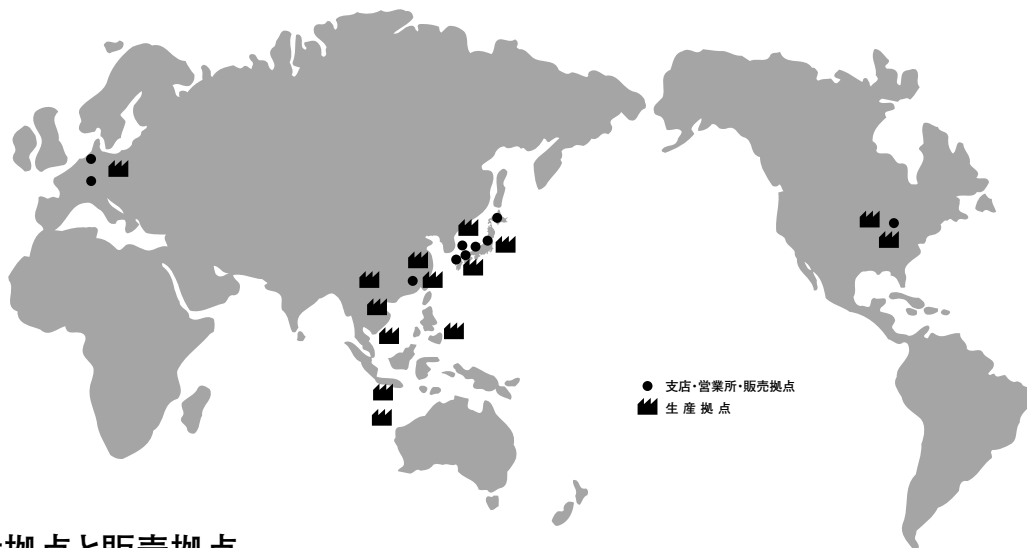
ご使用上の注意事項

1) 次のベルトご使用の場合、必ずご指示の上、ご注文ください。
イ) ベルトを同時に複数本掛けにてご使用の場合
ロ) ベルトを正逆運転にてご使用の場合
ハ) 角度伝動のように、プーリー歯形のバックラッシュを特に小さく要望される場合

2) ベルトの張りは当カタログ103ページをご参照ください。
特にベルトの張り側が振動する場合…ベルトの張りをゆるくしてください。
ベルトのゆるみ側が振動する場合…ベルトの張りをゆるくしてください。

3) 当社のタイミングベルトは国際寸法となっております。欧米のベルト、プーリーとの互換は可能ですが、できるだけ当社のベルト、プーリーのセットでご使用ください。

4) プーリーはできるだけ標準在庫品をご使用ください。特殊の場合、全加工、または、歯切りのみでも加工しますので、ご相談ください。



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