



SWR

SAN WU RUBBER
MFG. CO., LTD.

動力傳動帶 POWER TRANSMISSION BELTS

三五橡膠廠股份有限公司
SAN WU RUBBER MFG. CO., LTD.
Since 1946

ISO 9001 | ISO 14001
ISO 45001 | IATF 16949
CERTIFICATE



PRODUCTGUIDE 2025
SAN WU RUBBER

● ● ● ● ●
BEST QUALITY



帶動世界 生生不息
Lead the world to run forever.

三五  SANWU

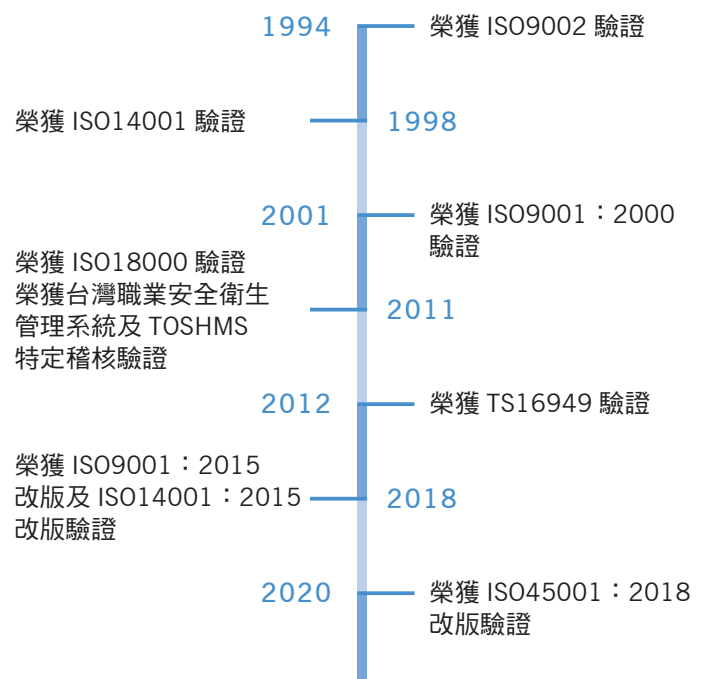
POWER TRANSMISSION BELTS

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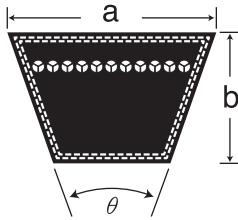
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從 1946 年創業迄今，三五製造橡膠帶有六十年以上的歷史。於追求技術創新永續經營之餘，仍保有對大自然之愛心。

San Wu, founded in 1946, owns experience in producing various rubber belts for over 60 years. Expect pursuing innovation of new technology and permanent business activities, we always remain our love to this beautiful nature.



一般工業用三角帶 Classical V-Belts / A, B, C, D, E



規格標示 SIZE MARK



| Dimensions | A | B | C | D | E |
|----------------|------|------|------|------|------|
| a (mm) | 12.5 | 16.5 | 22.0 | 31.5 | 38.0 |
| b (mm) | 9.0 | 11.0 | 14.0 | 19.0 | 25.4 |
| θ (°) | 40 | 40 | 40 | 40 | 40 |

適用最小輪徑 Min. Pulley Diameter

| A | B | C | D | E |
|------|-------|-------|-------|-------|
| 75mm | 125mm | 200mm | 355mm | 500mm |

標誌與特點 Belt Labels and Features

白牌標誌 : White label

符合國家標準 (CNS 745 K4003)，在常態之使用條件下，最能發揮傳動效率。

In comply with the requires of our National Standard (CNS 745 K4003) as well as with the features of Oil & Heat Resistance, our belts can run efficiently even under the condition of mild heat and oil.



紅牌標誌 : Red label

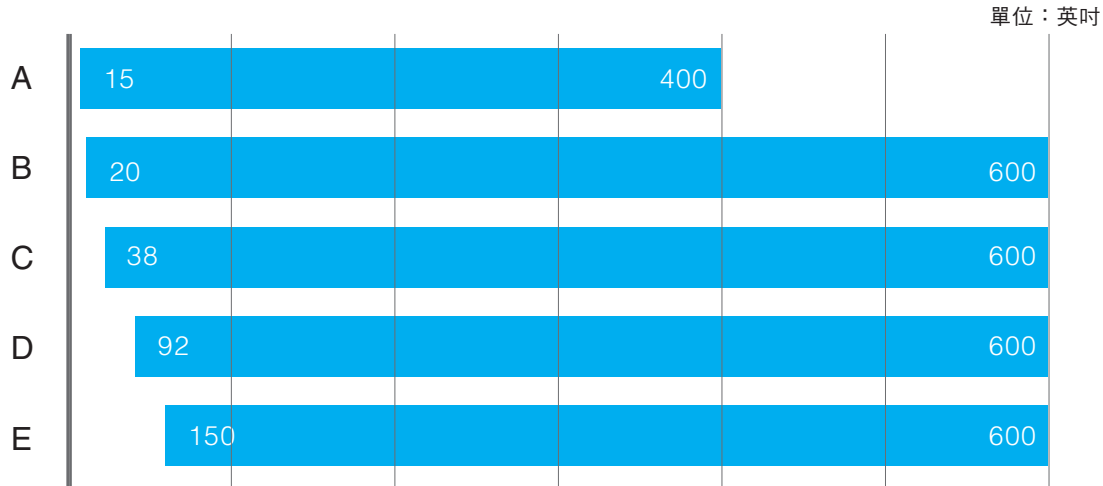
具耐油、耐熱及耐磨特性，適合高速傳動的用途。適用於環境溫度 90°C 以上，能發揮高傳動效率。

With the features of Oil-resistance, Heat-resistance & Abrasion-resistance, our belts are suitable to be run at very high speed and a good transmitting efficiency also can be reached even they are operated at the temperature of 90°C.



POWER TRANSMISSION BELTS

承製範圍 BELT RANGE



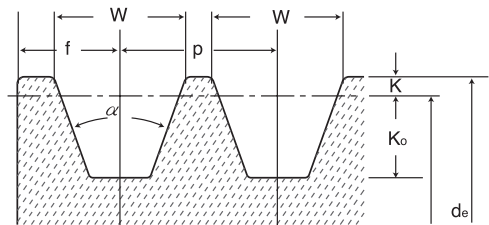
* 其他尺寸亦可供應。

Other sizes are available too.

* 皮帶可切成齒型提高其屈曲性能，以使用更小帶輪。

Can notch belts into Cog shapes to higher their flexibility.

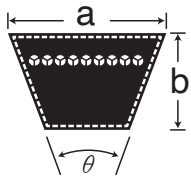
Belts can be run in smaller pulley.



標準滑輪 Standard Pulley Dimension

| Belt Types | de(mm) | α ° | w(mm) | k(mm) | ko(mm) | p(mm) | f(mm) |
|------------|---------|------------|-------|-------|--------|-------|-------|
| A | 71~100 | 34 | 9.2 | 4.5 | 8.0 | 15.0 | 10.0 |
| | 101~125 | 36 | | | | | |
| | 126~ up | 38 | | | | | |
| B | 125~160 | 34 | 12.5 | 5.5 | 9.5 | 19.0 | 12.5 |
| | 161~200 | 36 | | | | | |
| | 201~ up | 38 | | | | | |
| C | 200~250 | 34 | 16.9 | 7.0 | 12.0 | 25.5 | 17.0 |
| | 251~315 | 36 | | | | | |
| | 316~ up | 38 | | | | | |
| D | 355~450 | 36 | 24.6 | 9.5 | 15.5 | 37.0 | 24.0 |
| | 451~ up | 38 | | | | | |
| E | 500~630 | 36 | 28.7 | 12.7 | 19.3 | 44.5 | 29.0 |
| | 631~ up | 38 | | | | | |

輕馬力用三角帶 Light Duty & Single V-Belts / K, M, 3L, 4L, 5L



規格標示 SIZE MARK

K - 20
 外周長 (20")
 Outside Length
 型別 Belt type

3L - 310
 外周長 (31")
 Outside Length in 1/10"(31")
 型別 Belt type

| Dimensions | K | M | 3L | 4L | 5L |
|----------------|-----|------|------|------|------|
| a (mm) | 7.5 | 10.0 | 10.5 | 12.5 | 16.5 |
| b (mm) | 6.0 | 5.5 | 5.5 | 8.0 | 9.5 |
| θ (°) | 40 | 40 | 40 | 40 | 40 |

適用最小輪徑 Min. Pulley Diameter

| K | M | 3L | 4L | 5L |
|------|------|------|------|------|
| 45mm | 38mm | 38mm | 60mm | 85mm |

承製範圍 BELT RANGE



* 其他尺寸亦可供應。

Other sizes are available too.

用途：

家用洗衣機、縫衣機
 洗碗機
 風扇、鼓風機
 離心式唧筒
 割草機、庭園設備、其他

Applications:

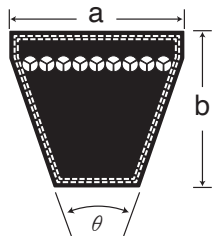
Household Washers
 Dish Washers
 Fan & Blowers
 Centrifugal Pumps
 Lawn & Garden Equipment and other Light Duty Drives

POWER TRANSMISSION BELTS

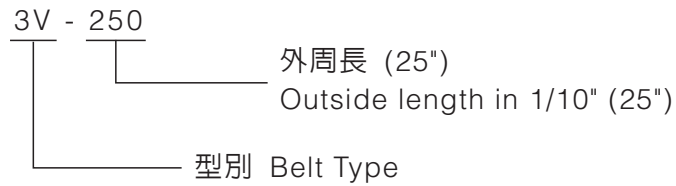
包布型高馬力用三角帶 Heavy Duty Wedge V-Belts / 3V, 5V, 8V

美國標準規格 RMA / MPTA

American Standard Sizes



規格標示 SIZE MARK



| Dimensions | 3V/9N | 5V/15N | 8V/25N |
|--------------|-------|--------|--------|
| a (mm) | 9.5 | 15.9 | 25.4 |
| b (mm) | 8.0 | 13.5 | 22.0 |
| θ (°) | 40 | 40 | 40 |

適用最小輪徑 Min. Pulley Diameter

| 3V/9N | 5V/15N | 8V/25N |
|-------|--------|--------|
| 75mm | 180mm | 300mm |

承製範圍 BELT RANGE

單位：英寸



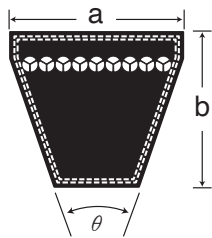
* 其他尺寸亦可供應。

Other sizes are available too.

包布型高馬力用三角帶 High Capacity Narrow Wrapped V-Belt / SPZ, SPA, SPB, SPC

歐洲標準規格 DIN7753 Part1 / ISO 4184

European Standard Sizes



規格標示 SIZE MARK

SPB - 1250

有效周長

Effective Length (1250mm)

型別 Belt Type

| Dimensions | SPZ | SPA | SPB | SPC |
|--------------|-----|-----|-----|-----|
| a (mm) | 10 | 13 | 16 | 22 |
| b (mm) | 8 | 10 | 13 | 18 |
| θ (°) | 40 | 40 | 40 | 40 |

適用最小輪徑 Min. Pulley Diameter

| SPZ | SPA | SPB | SPC |
|------|------|-------|-------|
| 70mm | 95mm | 175mm | 280mm |

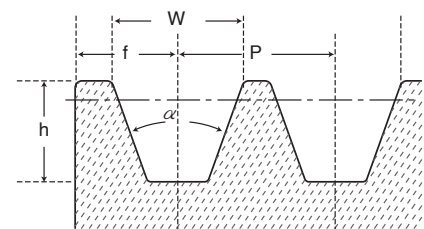
承製範圍 BELT RANGE

單位：毫米

| | | | | | | |
|-----|------|------|--|--|-------|--|
| SPZ | 850 | 4550 | | | | |
| SPA | 850 | 4550 | | | | |
| SPB | 850 | | | | 15240 | |
| SPC | 1475 | | | | 15240 | |

* 其他尺寸亦可供應。

Other sizes are available too.



滑輪規格 / 德國工業標準

Pulley for SP-series Metric V-Belt

German Industrial Standard -DIN 2211-

| 型別 Belt Type | 外徑 Outside Dia (mm) | 輪槽角度 Groove Angle α | 輪槽寬度 Groove Width w (mm) | 輪槽深度 Groove Depth h (mm) | 輪槽間距 Groove Pitch P (mm) | f mm |
|-----------------|---------------------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|---------|
| SPZ | 65~82 | 34° | 9.7 | 11 | 12 | 8 |
| | 83~up | 38° | | | | |
| SPA | 92~120 | 34° | 12.7 | 14 | 15 | 10 |
| | 121~up | 38° | | | | |
| SPB | 142~192 | 34° | 16.3 | 18 | 19 | 12.5 |
| | 193~up | 38° | | | | |
| SPC | 226~317 | 34° | 22 | 24 | 25 | 17 |
| | 318~up | 38° | | | | |

POWER TRANSMISSION BELTS

切邊切齒型三角帶 Raw Edge V-Belts / V, VX, SP, XP

標準規格 RMA / DIN7753 Part1

Standard Sizes

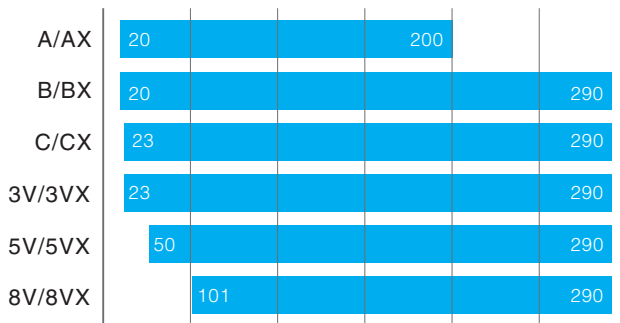


| Dimensions | A AX | B BX | C CX | 3V 3VX | 5V 5VX | 8V 8VX | SPZ XPZ | SPA XPA | SPB XPB | SPC XPC |
|--------------|---------|---------|---------|-----------|-----------|-----------|------------|------------|------------|------------|
| a (mm) | 12.7 | 17.0 | 22.0 | 9.5 | 15.9 | 25.4 | 10.0 | 13.0 | 16.0 | 22.0 |
| b (mm) | 9.0 | 11.0 | 14.0 | 8.0 | 13.0 | 23.0 | 8.0 | 10.0 | 13.0 | 18.0 |
| θ (°) | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |

承製範圍 BELT RANGE

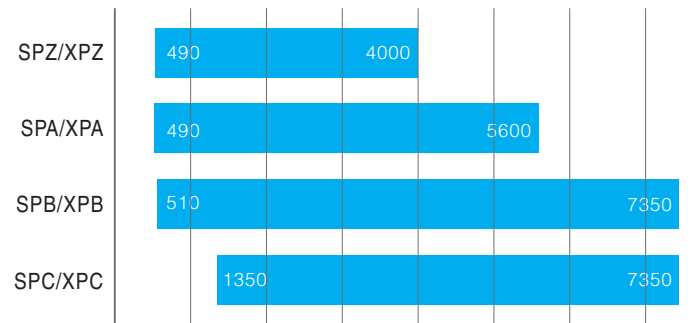
V, VX

單位：英吋



SP, XP

單位：毫米



* 其他尺寸亦可供應。

Other sizes are available too.

特點 Feature

* 強化纖維索與橡膠材質緊密結合，適合高馬力傳動。

Very good adhesion between high-tension polyester cable cords and rubber layers that are suitable for a high power transmission.

* 具耐油耐熱特性，適合嚴苛條件使用。

With properties of oil & heat-resistance, it is suitable to be used under severe application.

* 耐側壓性及耐伸長性強，傳動效率高。

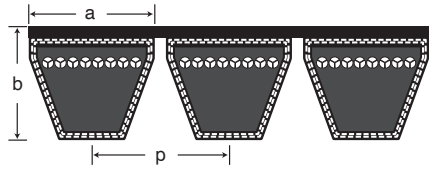
Strong withstanding to the compression to belt's both sides, good performance in stretching and efficiency transmission.

* 齒型帶之屈曲性能尤其卓越，可用於較小帶輪。

Outstanding feature of flexibility which allow cog belt to be run in the pulley with a smaller diameter.

重馬力用聯體帶 Banded V-Belts

包布式 Wrapped Type



規格標示 SIZE MARK

3R - 3V - 1180

外周長 (118")

Outside length in 1/10" (118")

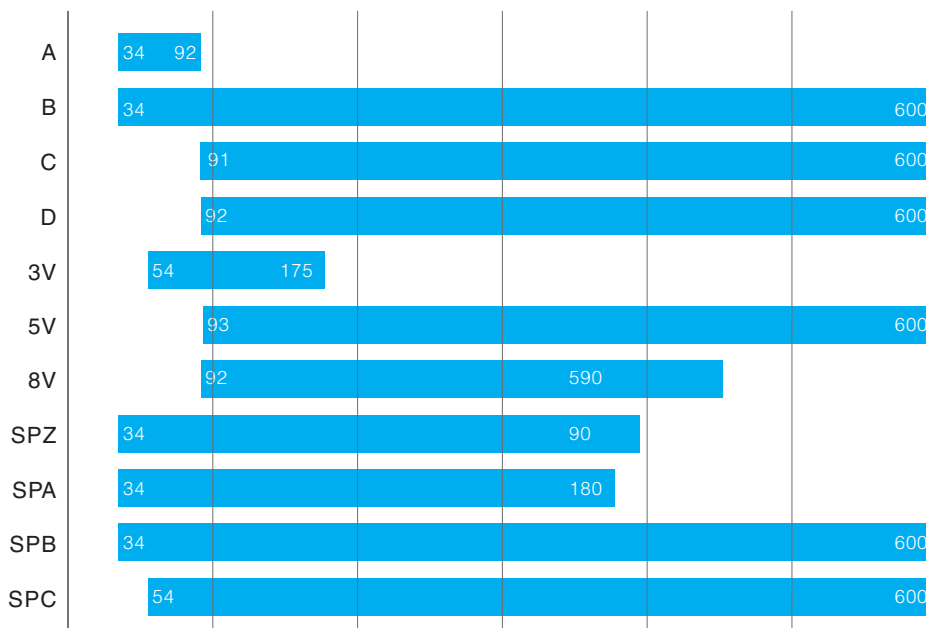
型別 Belt Type

聯數 Ribs

| Dimensions | A | B | C | D | 3V | 5V | 8V | SPZ | SPA | SPB | SPC |
|--------------|-------|-------|------|------|------|------|------|------|------|------|------|
| a (mm) | 13.0 | 17.0 | 22.0 | 32.0 | 9.0 | 15.0 | 25.0 | 9.7 | 12.7 | 16.3 | 22.0 |
| b (mm) | 12.0 | 14.0 | 16.8 | 21.8 | 10.0 | 15.5 | 25.5 | 11.4 | 13.4 | 16.0 | 20.8 |
| p (mm) | 15.88 | 19.05 | 25.4 | 37 | 10.3 | 17.5 | 28.6 | 12.0 | 15.0 | 19.0 | 25.5 |
| θ (°) | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |

承製範圍 BELT RANGE

單位：英吋

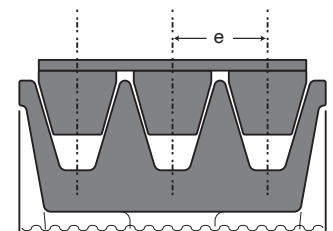


* 其他尺寸亦可供應。

Other sizes are available too.

三五牌各種聯體帶從 2 條聯、3 條聯至 6 條聯以上皆可承製。超過 7 條聯時，可選 2 組 4 條聯並用。選購時，請確認相鄰皮帶之間距 (e) 要與帶輪之輪溝吻合，以確保傳動效率與長期使用。

SANWU Banded V-belts are available from 2 ribs, 3 ribs up to 7 ribs. For application more than 7 ribs, two matched sets of 4-rib shall be used. To keep a good transmission efficiency and long life of running, be sure the pitch between every next two belts shall match to the pulleys' firmly.



皮帶與滑輪 Belt & Pulley

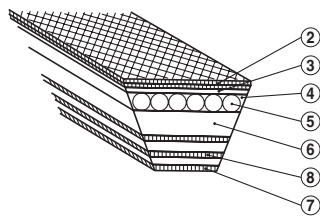
POWER TRANSMISSION BELTS

汽車用三角帶 Automotive V-Belts / SRL, SRC

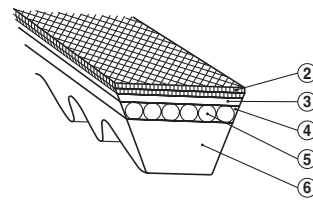
標準規格 JASOE107 / ISO2790

Standard Sizes

切邊帶 Raw edge belt
平底式 Laminated
(SRL)



切邊帶 Raw edge belt
齒型式 Cogged
(SRC)



| No | 名稱 | Name | No | 名稱 | Name |
|----|------|--------------------|----|------|--------------------|
| 1 | 外包布 | Wrapping fabric | 5 | 心線 | Tensile members |
| 2 | 上層布 | Top fabric | 6 | 下層橡膠 | Compression rubber |
| 3 | 上層橡膠 | Top cushion rubber | 7 | 底布 | Bottom fabric |
| 4 | 接著橡膠 | Adhesion rubber | 8 | 層布 | Laminate fabric |

適用驅動汽車發動的補助設備，如風扇、發電機、水泵、壓縮機等。

Suitable for driving automotive generator auxiliary equipment such as fan, generator, pump, compressor, etc.

特點 Feature

SRL：下層橡膠的數層帆布能有效抑制異音的發生，效果接近包布帶。

Covered with multiple fabrics in the bottom to reduce noise, similar result to wrapped belt.

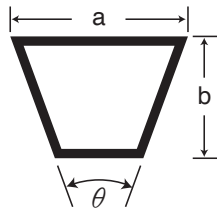
SRC：屈曲性好，傳動效率佳，可使用於更小的帶輪。構造上，耐熱性極佳。

Better flexibility, better transmission efficiency, smaller pulleys can be used. Very good performance to heat resistance.

| 特性 | Feature | SRL | SRC |
|------|----------------------------|-----|-----|
| 耐側壓性 | Resistant to side pressure | ☆ | ☆ |
| 耐熱性 | Resistant to heat | ○ | ☆ |
| 耐屈曲性 | Resistant to flexibility | ○ | ☆ |
| 耐粉塵性 | Resistant to dust | ☆ | ☆ |
| 伸長性 | Elongation | ☆ | ☆ |
| 異音 | Noise | ○ | ☆ |

○：優 Good

☆：特優 Excellent



規格標示 SIZE MARK

S R L - 6 340

- 外周長 Outside Length in 1/10" (34")
- 皮帶型別代號 Belt No
- 皮帶結構代號 Belt Section
- L: 平底式 Laminated
- C: 齒型式 Cogged
- 切邊式 Raw Edeg
- 三五牌 SAN WU

| Dimensions | | HM (1) | A (6) | B (8) | C (9) |
|------------|---------------------|--------|-------|-------|-------|
| SRL | a(mm) | 10.5 | 12.7 | 17.0 | - |
| | b(mm) | 7.5 | 8.0 | 9.5 | - |
| | $\theta (^{\circ})$ | 38 | 38 | 38 | - |
| SRC | a(mm) | 10.5 | 12.7 | 17.0 | 22.5 |
| | b(mm) | 8.0 | 9.0 | 11.0 | 13.0 |
| | $\theta (^{\circ})$ | 38 | 38 | 38 | 38 |

適用最小輪徑 Min. Pulley Diameter-mm

| Type | HM | A | B | C |
|------|----|----|----|-----|
| SRL | 65 | 70 | 90 | - |
| SRC | 60 | 65 | 80 | 100 |

承製範圍 BELT RANGE

SRC

| | | |
|-------|----|-----|
| HM(1) | 22 | 100 |
| A(6) | 23 | 100 |
| B(8) | 24 | 100 |
| C(9) | 23 | 100 |

SRL

| | | |
|-------|----|----|
| HM(1) | 22 | 72 |
| A(6) | 23 | 72 |
| B(8) | 24 | 72 |
| C(9) | 23 | 72 |

單位：英寸

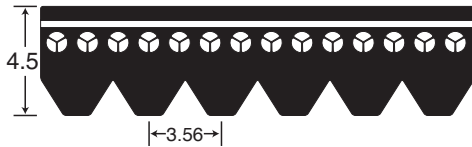
* 其他尺寸亦可供應。
Other sizes are available too.

POWER TRANSMISSION BELTS

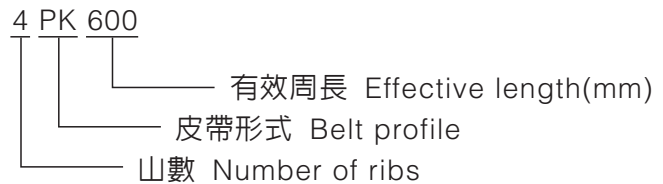
汽車用多槽皮帶 V-Ribbed Belts For Automotive Industry / PK

標準規格 RMA

Standard Sizes



規格標示 SIZE MARK



標準尺寸 Standard Sizes

| 皮帶編號 Belt No | | | | | | |
|--------------|-------|-------|--------|--------|--------|--------|
| PK550 | PK730 | PK850 | PK975 | PK1120 | PK1280 | PK1550 |
| PK600 | PK750 | PK875 | PK1000 | PK1150 | PK1320 | PK1600 |
| PK630 | PK775 | PK900 | PK1030 | PK1180 | PK1360 | PK1650 |
| PK650 | PK800 | PK925 | PK1060 | PK1220 | PK1400 | PK1700 |
| PK690 | PK825 | PK950 | PK1090 | PK1250 | PK1500 | PK1780 |

* 其他尺寸亦可供應。
Other sizes are available too.

特點

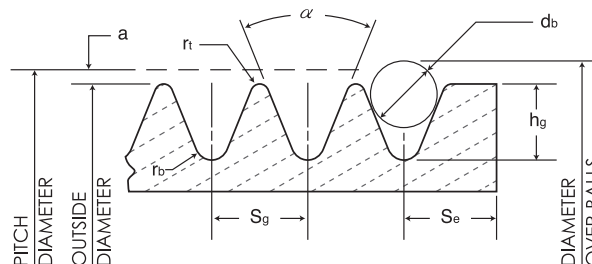
三五多槽式傳動帶係針對螺旋形的驅動系統精確設計，能在嚴苛的操作條件下表現順意的傳動能量。

Feature

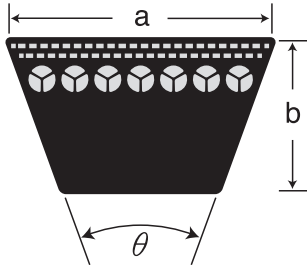
SAN WU V-RIBBED AUTOMOTIVE BELTS specially designed for spiral drive system can be operated with best transmission efficiency even under severe condition.

標準帶輪尺寸 Standard Groove Dimension-inch

| 最小外徑 Minimum Recommended Outside Diameter | 輪槽角度 α Groove Angle ± 0.25 Degrees | S_g^* | r_t | $2a$ | r_b | h_g Minimum | d_b | S_e |
|--|--|----------------------|---------------------------|-------|---------------------------|------------------|------------------------|---------------------------|
| 1.50 | 40 | 0.141 ± 0.002 | 0.010 +0.005 -0.000 | 0.038 | 0.020 +0.000 -0.005 | 0.122 | 0.1093 ± 0.0005 | 0.125 +0.050 -0.000 |



機車用變速帶 Variable Speed V-Belts For Scooter / SRCV



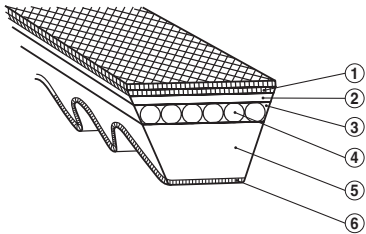
規格標示 SIZE MARK

SRCV 24 - 888

外周長 Outside Length (mm)

上寬 Top Width (mm)

機車帶 Scooter Belt



說明

- | | |
|---------|--------------------|
| 1. 上層布 | Top fabric |
| 2. 上層橡膠 | Top cushion rubber |
| 3. 接著橡膠 | Adhesion rubber |
| 4. 強力心線 | Tensile members |
| 5. 下層橡膠 | Bottom rubber |
| 6. 底布 | Bottom fabric |

特點：三五機車帶採強固結構設計，具備耐側壓性、低伸長性、運轉順暢等特點，在大衝擊和高熱環境下，能充分追隨速度的變化，發揮傳動效率。

Feature: San Wu's variable speed V-belt for scooters are available in a strong construction, with the features of good lateral stiffness, low stretch & smooth running the belts run efficiently along with the change of drive speed even under critical conditions like big shocks' and high temperature'.

注意事項

1. 安裝時兩皮帶輪必須直線對正。
2. 皮帶保持清潔，安裝時若沾染油漬要擦乾淨。
3. 皮帶兩邊磨耗心體線鬚露出時應切掉，避免線鬚捲入輪軸。
4. 皮帶寬度磨耗達 1mm 以上時應換新帶。

Attention

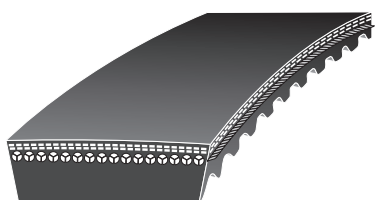
1. Prior to the installation, check whether the pulleys are exactly aligned and the shafts are parallel.
2. Belts shall be clean and free from direct contact with oils, lubricants, chemicals, etc.
3. Preventing any cord ends drawn into the shaft of pulley, cut them off once emerged from belt's both sides.
4. Replace a new belt if it worn off more than 1 mm in width.

POWER TRANSMISSION BELTS

高性能變速帶 High Capacity Variable Speed Belt / VS

標準規格 RMA

Standard Sizes



規格標示 SIZE MARK

14 22 V 235

有效周長 Effective length in 1/10"(23.5")

變速 Variable speed

輪槽角度 Groove angle

輪槽的上寬 Top width of groove in closed position in 1/16"(14/16")

規格一覽表 Belt Sizes

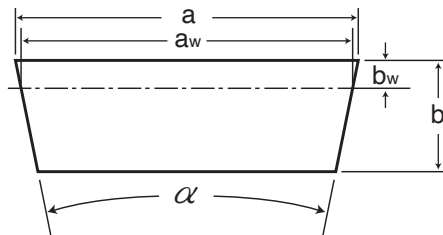
| | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|
| 7.522V240 | 1626V517 | 1922V526 | 2322V601 | 2636V332 | 3028V386 | 3432V528 | 4630V663 |
| 1022V220 | 1626V661 | 1922V544 | 2322V604 | 2826V412 | 3030V387 | 3630V455 | 4630V683 |
| 1022V247 | 1628V210 | 1922V604 | 2322V621 | 2826V452 | 3226V392 | 3636V479 | 4632V659 |
| 1422V235 | 1628V315 | 1926V250 | 2322V661 | 2830V337 | 3226V395 | 3826V465 | 4632V680 |
| 1422V240 | 1632V210 | 1926V275 | 2322V667 | 2830V363 | 3226V400 | 3830V501 | 4830V602 |
| 1422V270 | 1632V220 | 1926V333 | 2322V681 | 2830V366 | 3226V433 | 3830V515 | 4830V653 |
| 1422V290 | 1632V250 | 1926V407 | 2326V359 | 2830V393 | 3226V434 | 3830V517 | 4830V663 |
| 1422V300 | 1822V290 | 1930V355 | 2330V273 | 2830V396 | 3226V439 | 3830V580 | 4830V683 |
| 1422V330 | 1822V320 | 1930V400 | 2330V338 | 2830V422 | 3226V450 | 3830V587 | 4830V692 |
| 1422V340 | 1822V328 | 1930V475 | 2330V359 | 2830V428 | 3226V465 | 3836V418 | 4836V558 |
| 1422V360 | 1822V551 | 1930V500 | 2330V537 | 2830V567 | 3226V505 | 3836V426 | 4836V608 |
| 1422V400 | 1822V590 | 1930V560 | 2332V373 | 2830V666 | 3226V514 | 3836V654 | 4836V618 |
| 1422V420 | 1822V629 | 1930V604 | 2430V290 | 2836V343 | 3226V545 | 4036V514 | 4836V642 |
| 1422V440 | 1826V250 | 1930V641 | 2430V319 | 2836V350 | 3226V585 | 4036V574 | 4836V655 |
| 1422V460 | 1828V368 | 2230V266 | 2430V345 | 2836V361 | 3226V603 | 4230V556 | 4836V659 |
| 1422V470 | 1832V338 | 2230V270 | 2430V445 | 2836V380 | 3226V650 | 4230V605 | 4836V670 |
| 1422V480 | 1922V250 | 2230V273 | 2436V331 | 2926V366 | 3226V663 | 4430V510 | |
| 1422V520 | 1922V256 | 2230V275 | 2526V302 | 2926V400 | 3230V419 | 4430V530 | |
| 1422V540 | 1922V277 | 2230V326 | 2526V314 | 2926V426 | 3230V528 | 4430V555 | |
| 1422V600 | 1922V282 | 2230V375 | 2530V309 | 2926V471 | 3230V553 | 4430V570 | |
| 1422V660 | 1922V292 | 2322V329 | 2530V470 | 2926V477 | 3230V560 | 4430V578 | |
| 1426V298 | 1922V298 | 2322V347 | 2530V490 | 2926V486 | 3230V585 | 4430V600 | |
| 1430V215 | 1922V321 | 2322V364 | 2530V530 | 2926V521 | 3230V613 | 4430V610 | |
| 1522V270 | 1922V332 | 2322V372 | 2530V550 | 2926V546 | 3230V670 | 4430V630 | |
| 1622V218 | 1922V363 | 2322V373 | 2530V575 | 2926V574 | 3236V342 | 4430V660 | |
| 1626V262 | 1922V381 | 2322V384 | 2530V595 | 2926V586 | 3236V369 | 4430V670 | |
| 1626V304 | 1922V386 | 2322V396 | 2530V610 | 2926V606 | 3236V389 | 4430V690 | |
| 1626V330 | 1922V403 | 2322V421 | 2530V618 | 2926V613 | 3236V552 | 4436V329 | |
| 1626V339 | 1922V408 | 2322V434 | 2530V630 | 2926V616 | 3236V643 | 4436V525 | |
| 1626V380 | 1922V417 | 2322V441 | 2530V660 | 2926V636 | 3326V474 | 4436V551 | |
| 1626V395 | 1922V426 | 2322V461 | 2530V670 | 2926V646 | 3430V450 | 4436V561 | |
| 1626V411 | 1922V443 | 2322V481 | 2530V690 | 2926V666 | 3430V510 | 4436V576 | |
| 1626V440 | 1922V454 | 2322V486 | 2626V369 | 2926V686 | 3432V450 | 4436V646 | |
| 1626V455 | 1922V460 | 2322V521 | 2626V388 | 2930V348 | 3432V456 | 4626V596 | |
| 1626V513 | 1922V484 | 2322V541 | 2630V345 | 2930V492 | 3432V484 | 4630V650 | |

* 其他尺寸亦可供應。

Other sizes are available too.

農機用變速帶 Agricultural Variable Speed Belts

國際標準規格 ISO 3410
Standard Sizes



皮帶長度 Belt length

In determining the length of the belt, the following geometric relation applies:

$$bw=0.25 b$$

From which the following can be derived:

$$\Delta L=4.71b$$

$$Lw=Li+ \Delta L$$

$$Li=Lw- \Delta L$$

$$La=Li+(2\pi b)\dots\text{Outside length}$$

| 型別 Belt Type | 上寬 Top Width a (mm) | 厚度 Thickness b (mm) | 角度 Angle α° |
|-----------------|---------------------------|---------------------------|-------------------------------|
| W16 | 17 | 6 | 26° |
| W20 | 21 | 7 | 28° |
| W25 | 26 | 8 | 28° |
| W31.5 | 33 | 10 | 28° |
| W40 | 42 | 13 | 28° |
| W50 | 52 | 16 | 30° |
| W63 | 65 | 20 | 30° |

承製範圍 Belt Range

| | |
|-----------|----------------|
| Top Width | 10 to 100 mm |
| Thickness | 5 to 26 mm |
| Length Lw | 535 to 1800 mm |

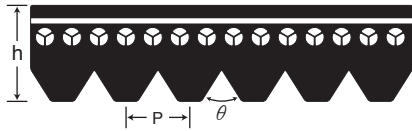
| 型別 Belt Type | 有效周長 Lw (mm) | 內周長 Li (mm) | 型別 Belt Type | 有效周長 Lw (mm) | 內周長 Li (mm) | |
|-----------------|-----------------|----------------|-----------------|-----------------|----------------|------|
| W16 | 450 | 422 | W40 | 1120 | 1058 | |
| | 500 | 472 | | 1250 | 1188 | |
| | 560 | 532 | | 1400 | 1338 | |
| | 630 | 602 | | 1600 | 1538 | |
| | 800 | 772 | | 1800 | 1738 | |
| W20 | 560 | 527 | W50 | 2000 | 1938 | |
| | 630 | 597 | | 2240 | 2178 | |
| | 710 | 677 | | 2500 | 2438 | |
| | 800 | 767 | | W63 | 1400 | 1325 |
| | 900 | 867 | | | 1600 | 1525 |
| W25 | 710 | 672 | 1800 | | 1725 | |
| | 800 | 762 | 2000 | | 1925 | |
| | 900 | 862 | 2240 | | 2165 | |
| | 1000 | 962 | 2500 | 2425 | | |
| | 1120 | 1082 | 2800 | 2725 | | |
| W31.5 | 1250 | 1212 | W63 | 1800 | 1706 | |
| | 1400 | 1362 | | 2000 | 1906 | |
| | 1600 | 1562 | | 2240 | 2146 | |
| | W40 | 900 | | 853 | 2500 | 2406 |
| | | 1000 | | 953 | 2800 | 2706 |
| | | 1120 | | 1073 | 3150 | 3056 |
| | | 1250 | | 1203 | 3550 | 3456 |
| | | 1400 | | 1353 | | |
| | 1600 | 1553 | | | | |
| | 1800 | 1753 | | | | |

Lw=Belt pitch length

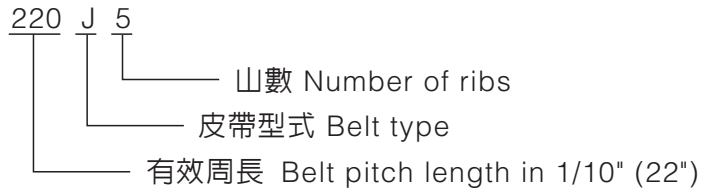
Li=Belt inside length

POWER TRANSMISSION BELTS

多槽皮帶 V-Ribbed Belts / J, L, M



規格標示 SIZE MARK



| Dimensions | J | L | M |
|-----------------|------|-----|-----|
| Rib Pitch P(mm) | 2.35 | 4.7 | 9.4 |
| Angle θ | 40 | 40 | 40 |
| Thickness h(mm) | 4 | 10 | 17 |

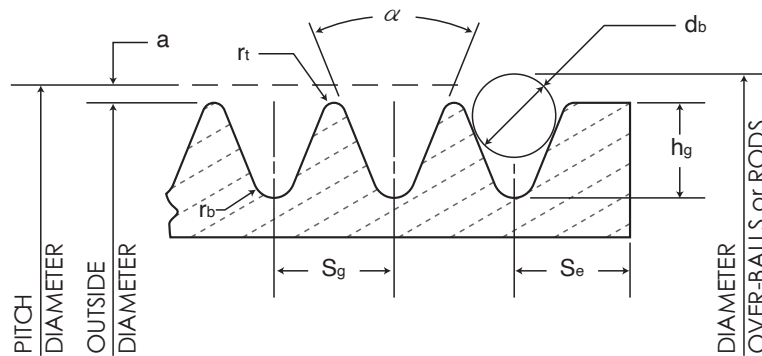
標準尺寸 Standard Sizes / RMA

| J | | L | | M | |
|-----------------|----------------------------------|-----------------|----------------------------------|-----------------|----------------------------------|
| 皮帶編號 Belt No | 有效周長 effective Length (mm) | 皮帶編號 Belt No | 有效周長 effective Length (mm) | 皮帶編號 Belt No | 有效周長 effective Length (mm) |
| 270J | 666 | 400L | 1016 | 755M | 1918 |
| 280J | 711 | 405L | 1029 | 850M | 2159 |
| 290J | 737 | 410L | 1041 | 900M | 2286 |
| 300J | 762 | 415L | 1054 | 940M | 2388 |
| 310J | 787 | 420L | 1067 | 990M | 2515 |
| 315J | 800 | 425L | 1080 | 1060M | 2692 |
| 320J | 813 | 430L | 1092 | 1115M | 2832 |
| 330J | 838 | 450L | 1143 | 1150M | 2921 |
| 340J | 864 | 460L | 1168 | 1185M | 3010 |
| 345J | 876 | 480L | 1219 | 1230M | 3124 |
| 350J | 889 | 500L | 1270 | 1310M | 3327 |
| 360J | 914 | 540L | 1372 | 1470M | 3734 |
| 370J | 940 | 560L | 1422 | 1610M | 4089 |
| 375J | 953 | 565L | 1435 | 1650M | 4191 |
| 380J | 965 | 570L | 1448 | 1760M | 4470 |
| 390J | 991 | 600L | 1524 | | |
| 400J | 1016 | 615L | 1562 | | |
| 410J | 1041 | 635L | 1613 | | |
| 420J | 1067 | 650L | 1651 | | |
| 430J | 1092 | 655L | 1664 | | |
| 440J | 1118 | 675L | 1715 | | |
| 450J | 1143 | 680L | 1727 | | |
| 460J | 1168 | 690L | 1753 | | |
| 480J | 1219 | | | | |
| 490J | 1245 | | | | |
| 510J | 1295 | | | | |
| 530J | 1346 | | | | |
| 550J | 1397 | | | | |
| 580J | 1473 | | | | |
| 610J | 1579 | | | | |
| 650J | 1651 | | | | |

* 其他尺寸亦可供應。

Other sizes are available too.

帶輪斷面 Standard Groove Dimension Pulley Diameters

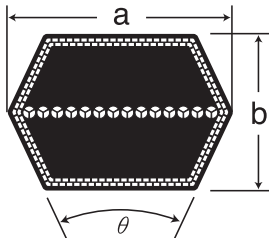


標準帶輪尺寸 Standard Groove Dimension-inch

| 型式 Cross Section | 最小外徑 Minimum Recommended Outside Diameter | 輪槽角度 Groove Angle ± 0.25 Degrees | S_g | r_t +0.005 -0.000 | $2a$ | r_b | h_g Minimum | d_b ± 0.0005 | S_e |
|---------------------|--|---|----------------------|---------------------------|-------|---------------------------|------------------|-----------------------|---------------------------|
| H | 0.50 | 40 | 0.063 ± 0.001 | 0.005 | 0.020 | 0.013 +0.000 -0.005 | 0.041 | 0.0469 | 0.080 +0.020 -0.010 |
| J | 0.80 | 40 | 0.092 ± 0.001 | 0.008 | 0.030 | 0.015 +0.000 -0.005 | 0.071 | 0.0625 | 0.125 +0.050 -0.015 |
| L | 3.00 | 40 | 0.185 ± 0.002 | 0.015 | 0.058 | 0.015 +0.000 -0.005 | 0.183 | 0.1406 | 0.375 +0.050 -0.030 |
| M | 7.00 | 40 | 0.370 ± 0.003 | 0.030 | 0.116 | 0.030 +0.000 -0.005 | 0.377 | 0.2812 | 0.5 +0.100 -0.040 |

POWER TRANSMISSION BELTS

六角帶 Double V-Belts / AA, BB, CC

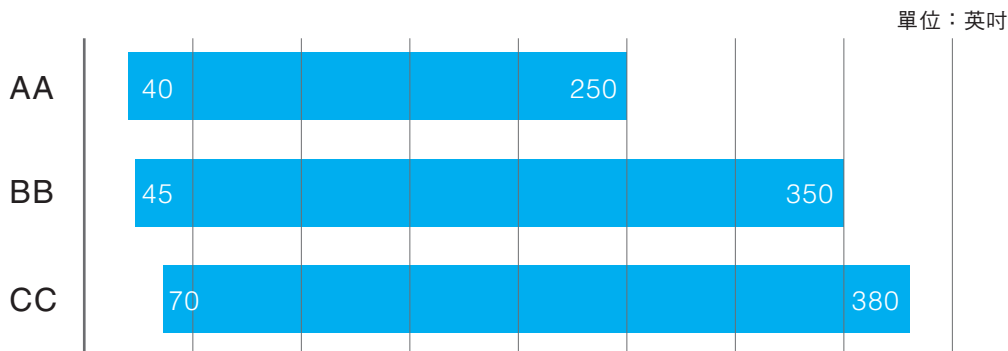


規格標示 SIZE MARK

AA - 149
 有效周長 (149")
 Effective length (149")
 型別 Belt type

| Dimensions | AA | BB | CC |
|--------------|------|------|------|
| a (mm) | 12.5 | 16.5 | 22.0 |
| b (mm) | 10.0 | 13.0 | 17.0 |
| θ (°) | 40 | 40 | 40 |

承製範圍 BELT RANGE



* 其他尺寸亦可供應。

Other sizes are available too.

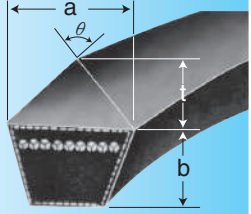
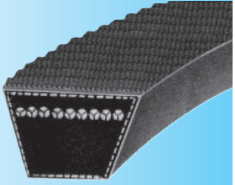
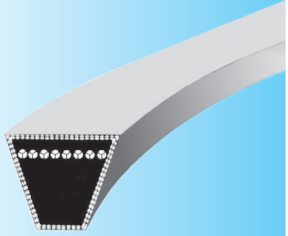
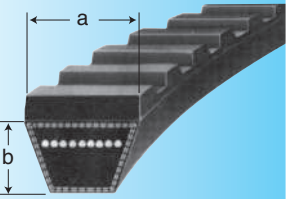

三五牌六角帶具多重驅動性，皮帶兩面皆可驅動一般使用一具相反方向驅動軸的設備上。六角橡膠帶可使用於碾米機、軋棉機、碎石機、聯合收割機和其他機械。

SAN WU Double V-Belts are essentially MULTITYPE STANDARD Belts. Either side of the belt can be used as a driving surface. They are used on equipment where a number of shafts have to be driven in opposite directions, at the same time, by a single belt. DOUBLE V-Belts are found popularity on cotton gins, rock crushers, Grain combines, and other machineries.

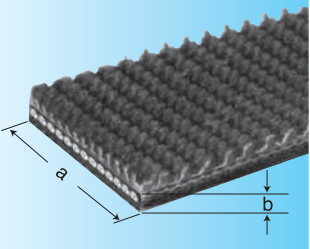
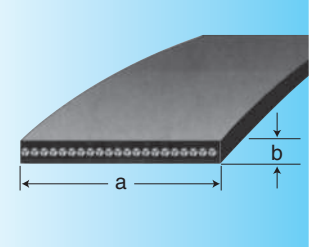
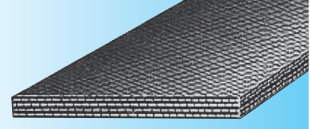
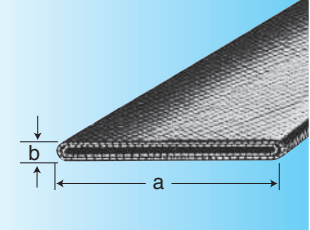
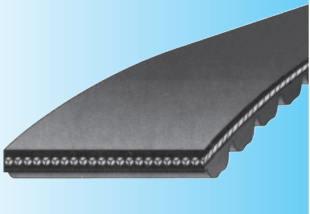
* 本型錄的數據資料僅供參考，不具保證責任。

All the information contained in this catalogue is based on reasonable research, but does not guarantee any result.

其他製品 OTHER PRODUCTS

| <p>五角帶 V-belt in diamond shape for conveying</p> |  | <table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>a : mm</td> <td>12.5</td> <td>16.5</td> <td>22</td> </tr> <tr> <td>b : mm</td> <td>10</td> <td>11</td> <td>14</td> </tr> <tr> <td>t : mm</td> <td>9</td> <td>15</td> <td>14</td> </tr> <tr> <td>θ</td> <td>64°</td> <td>58°</td> <td>76°</td> </tr> <tr> <td>L : inch</td> <td colspan="3">Length 78 → 450</td> </tr> </tbody> </table> | | A | B | C | a : mm | 12.5 | 16.5 | 22 | b : mm | 10 | 11 | 14 | t : mm | 9 | 15 | 14 | θ | 64° | 58° | 76° | L : inch | Length 78 → 450 | | |
|--|---|--|------------|------------|------|-------|--------|--------|------------|------------|------------|------------|----|----|--------|---|----|----|----------|-----|-----|-----|----------|-----------------|--|--|
| | A | B | C | | | | | | | | | | | | | | | | | | | | | | | |
| a : mm | 12.5 | 16.5 | 22 | | | | | | | | | | | | | | | | | | | | | | | |
| b : mm | 10 | 11 | 14 | | | | | | | | | | | | | | | | | | | | | | | |
| t : mm | 9 | 15 | 14 | | | | | | | | | | | | | | | | | | | | | | | |
| θ | 64° | 58° | 76° | | | | | | | | | | | | | | | | | | | | | | | |
| L : inch | Length 78 → 450 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>花紋皮帶 With Rough Top Surface</p> |  | <p>各種包布型皮帶皆可製造。 Any wrapped V-Belts are available.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>白身三角帶 White V-Belt</p> |  | <p>採用超強力化纖索與無膠糊之白色外包布，特別適合對設備清潔度要求嚴苛的使用條件。各種包布型皮帶 A、B、3V、5V、SP 系列等皆可製造。</p> <p>With high tension Polyester Cable cords as enforcing members and special bareback fabric as V-Belt jacket, this special kind of V-Belt is perfect for the application that require critical clean environment. Any wrapped V-Belts(A、B、3V、5V、SP Series etc)are available.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>外齒型帶 V-Belt with teeth pattern surface</p> |  | <p>a:16.5mm b:11.0mm L:80" → 500"</p> <p>此外，不同用途之各種模樣亦可供應或特別設計。 Different, patterns for other application will also be available or designed to meet customer's requests.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>圓型帶 Round Belt</p> |  | <table border="1"> <thead> <tr> <th>Diameter</th> <th>5/16"</th> <th>3/8"</th> <th>7/16"</th> <th>1/2"</th> </tr> </thead> <tbody> <tr> <td>Length</td> <td>36" → 130"</td> <td>36" → 130"</td> <td>36" → 130"</td> <td>36" → 130"</td> </tr> </tbody> </table> | Diameter | 5/16" | 3/8" | 7/16" | 1/2" | Length | 36" → 130" | 36" → 130" | 36" → 130" | 36" → 130" | | | | | | | | | | | | | | |
| Diameter | 5/16" | 3/8" | 7/16" | 1/2" | | | | | | | | | | | | | | | | | | | | | | |
| Length | 36" → 130" | 36" → 130" | 36" → 130" | 36" → 130" | | | | | | | | | | | | | | | | | | | | | | |

POWER TRANSMISSION BELTS

| <p>磨玻璃機 強力環帶 Endless Belt for Glass Grinding Machine</p> |  | <table border="1"> <thead> <tr> <th></th> <th colspan="2">花紋 Roughtop Type</th> <th colspan="2">平面 Flat Type</th> </tr> </thead> <tbody> <tr> <td>a : mm</td> <td>220</td> <td>225</td> <td>240</td> <td>260</td> </tr> <tr> <td>b : mm</td> <td>12、15</td> <td>12、15</td> <td>12</td> <td>12</td> </tr> <tr> <td>L : inch</td> <td colspan="4">Length 300 → 500</td> </tr> </tbody> </table> | | 花紋 Roughtop Type | | 平面 Flat Type | | a : mm | 220 | 225 | 240 | 260 | b : mm | 12、15 | 12、15 | 12 | 12 | L : inch | Length 300 → 500 | | | |
|--|--|--|--------------------|--------------------------|------------------------|--------------------|----------|-----------------|----------|----------|-----|-----|----------|-------|-------|------|------|----------|------------------|--|--|--|
| | 花紋 Roughtop Type | | 平面 Flat Type | | | | | | | | | | | | | | | | | | | |
| a : mm | 220 | 225 | 240 | 260 | | | | | | | | | | | | | | | | | | |
| b : mm | 12、15 | 12、15 | 12 | 12 | | | | | | | | | | | | | | | | | | |
| L : inch | Length 300 → 500 | | | | | | | | | | | | | | | | | | | | | |
| <p>耐磨強力環帶 Superior Abrasion Endless Belt</p> |  | <table border="1"> <tbody> <tr> <td>a : inch</td> <td>1、1 1/4 1 1/2、2</td> <td>2 1/2、3、4</td> <td>5、6、7</td> <td>8、9、10</td> </tr> <tr> <td>b : mm</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>L : inch</td> <td>60 ↑</td> <td>90 ↑</td> <td>90 ↑</td> <td>90 ↑</td> </tr> </tbody> </table> | a : inch | 1、1 1/4 1 1/2、2 | 2 1/2、3、4 | 5、6、7 | 8、9、10 | b : mm | 3 | 4 | 5 | 6 | L : inch | 60 ↑ | 90 ↑ | 90 ↑ | 90 ↑ | | | | | |
| a : inch | 1、1 1/4 1 1/2、2 | 2 1/2、3、4 | 5、6、7 | 8、9、10 | | | | | | | | | | | | | | | | | | |
| b : mm | 3 | 4 | 5 | 6 | | | | | | | | | | | | | | | | | | |
| L : inch | 60 ↑ | 90 ↑ | 90 ↑ | 90 ↑ | | | | | | | | | | | | | | | | | | |
| <p>平面帶 Transmission Belt</p> | <p>圓邊型 Round Edge Type</p>  <p>切邊型 Cut Edge Type</p>  | <table border="1"> <thead> <tr> <th>標誌 MARK</th> <th>抗拉強度 Tensile Strength</th> <th>CNS 標準 CNS Standard</th> <th>皮帶寬度 Belt Width</th> </tr> </thead> <tbody> <tr> <td>三五牌</td> <td>60 ↑ kgf/cm ply</td> <td>第一種 55 ↑</td> <td>1 inch ↑</td> </tr> </tbody> </table> <p>★ 配合顧客需要，可使用各種特織帆布（如白身帶面帆布，緯紗尼龍棉帆布……等）及特殊膠料（如耐熱、耐油、耐化學品……等）配合，製成各種特殊用途之傳動膠帶。 Changes in design is available for your special needs.</p> | 標誌 MARK | 抗拉強度 Tensile Strength | CNS 標準 CNS Standard | 皮帶寬度 Belt Width | 三五牌 | 60 ↑ kgf/cm ply | 第一種 55 ↑ | 1 inch ↑ | | | | | | | | | | | | |
| 標誌 MARK | 抗拉強度 Tensile Strength | CNS 標準 CNS Standard | 皮帶寬度 Belt Width | | | | | | | | | | | | | | | | | | | |
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| <p>強力粗布環帶 Endless Belt with Bare Duck</p> |  | <table border="1"> <tbody> <tr> <td>a : inch</td> <td>4、5、6、8、10</td> </tr> <tr> <td>b : mm</td> <td>3 → 10</td> </tr> <tr> <td>L : inch</td> <td>60 → 500</td> </tr> </tbody> </table> | a : inch | 4、5、6、8、10 | b : mm | 3 → 10 | L : inch | 60 → 500 | | | | | | | | | | | | | | |
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| b : mm | 3 → 10 | | | | | | | | | | | | | | | | | | | | | |
| L : inch | 60 → 500 | | | | | | | | | | | | | | | | | | | | | |
| <p>同步齒型帶 Timing Belt</p> |  | <p>3M、5M、8M、14M、 S2M、S3M、S5M、S8M、S14M、 MXL、XL、L、H、XH、XXH、 T5、T10、AT5、AT10 ... 等各式進口皮帶</p> | | | | | | | | | | | | | | | | | | | | |

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三駱
THREE CAMELS

超 儕
TRANSMATE

超 儕
TRANSMATCH

保管與使用 STORAGE & OPERATION

1. 皮帶應避免置於陽光直射之處所。
2. 皮帶最好吊掛於牆上，或於桌架上適當放置；切勿堆放地面積壓放置，以防久置扭曲變形。
3. 盡量使用大直徑皮帶輪，以減輕運轉中的皮帶發熱。
4. 安裝皮帶時，須注意兩軸平行，輪溝同一直線，皮帶與軸呈直角狀態。
5. 皮帶輪之輪溝全套要同寬同深，以使全套皮帶鬆緊同一，平均受力。
6. 輪溝表面必須光滑無疵，無久用磨損凹下現象，且其角度應合於標準規格，否則皮帶極易磨損而縮短壽命。
7. 盡可能避用惰輪（中間輪），非用不可時，應置於皮帶鬆弛跨段之內側為宜。
8. 輪溝之軸承及軸承座應定期注油保養，以確保平順運轉。
9. 皮帶安裝時，應調節皮帶輪距離，切勿使用工具強行掛入，以免損害皮帶。掛好的皮帶鬆緊度要適宜，過鬆或太緊皆會影響皮帶的壽命。
10. 皮帶初用時伸長所形成的鬆弛現象，及皮帶與皮帶輪間的磨耗，應按規定予與調整收緊。最好每天開動以前先檢視一下。
11. 皮帶使用條數以較計算值略多為宜，因安全率提高而延長使用壽命，結果反而較經濟。
12. 皮帶更換應全套同時換新。新舊或不同廠牌混用時，因伸長性不一致，會減少皮帶的耐久力。
13. 皮帶禁用皮帶臘或其他潤滑劑，並應保持清潔，防止油污、粉塵或化學藥品附著。
14. 皮帶及皮帶輪應加護罩或護柵以策安全。加護罩時應考慮通風問題，以免密閉不易散熱，影響膠帶壽命。

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1. Do not expose belts to direct sunlight during storage.
 2. Store belts in shelves or hang belts on racks. Placing belts on floor or ground. Avoid piling belts up. Avoid storing belts in heavily bent condition.
 3. Use bigger pulley to reduce heat during operation.
 4. Check sheave alignment. Misalignment of sheave will shorten the belt life.
 5. Make sure all sheave grooves are equal in dimensions.
 6. Check sheaves for groove wear. If more than 1/32 inch of "Dished Out" can be seen, short belt life may be expected.
 7. Avoid using idler (middle pulley). If unavoidable put on the inside of the slack side.
 8. Check bearings for oil.
 9. Slack off on take-up until belts can be placed in grooves without forcing. Never pry the belts in to the sheave grooves to prevent cords break.
 10. Tension drive properly. Give belts a few days running time to become seated in sheave grooves, then readjust take-up if necessary.
 11. Use more belts than calculated number to increase safety factor and belt life and in the end more economical.
 12. Always use a set of new belts from one manufacture a set of belt. Mixing new and used belts in a set will shorten the belt life due to unequal stretch of belts.
 13. Never use belt dressing. Be careful not to expose belts, to oil, dust or chemicals.
 14. Make sure V-belt drives are covered for safety before turning the machine on. Air tight cover shortens the belt life because it prevents heat radiation. Maintain proper ventilation.



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