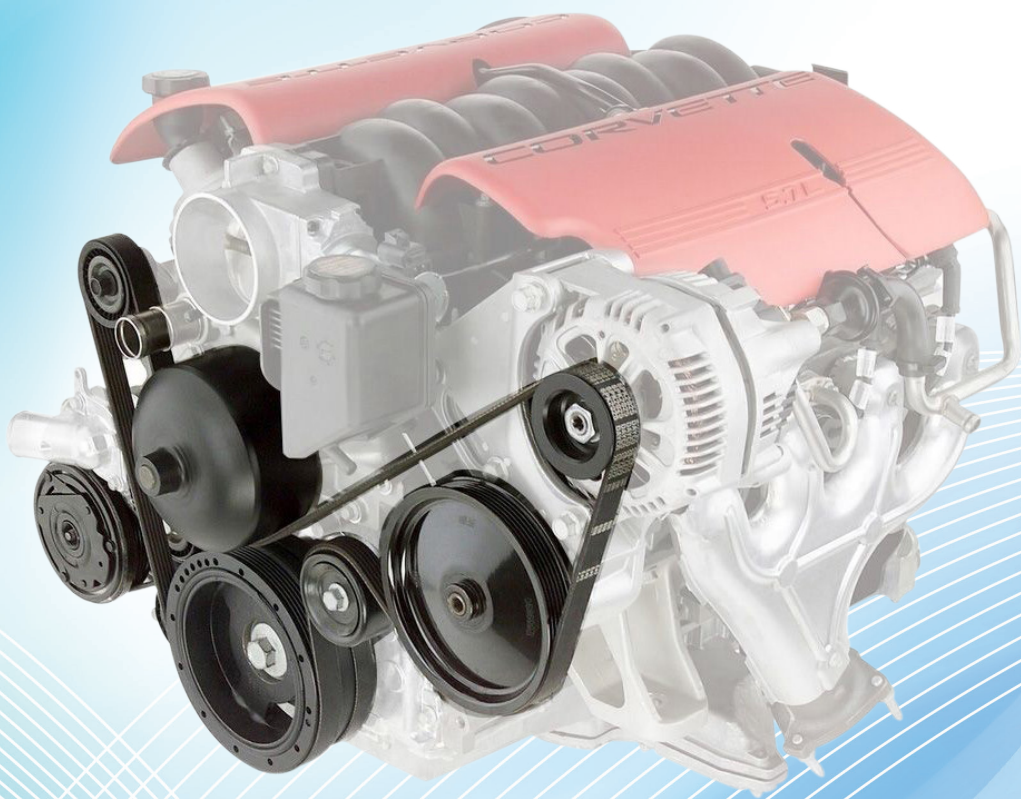


# BAOPOWER

PRODUCTS GUIDE



## ***POWER TRANSMISSION BELT***

Drive solutions with BAOPOWER

**ZHEJIANG POWERBELT CO., LTD.** was established in 1994 by Mr. RenPing Bao, it is located in No.27 of ShiFeng East Road, Tiantai City, Zhejiang Province, China. Now it's a leading enterprise specializing in manufacturing all kinds of high quality Rubber Belts, such as Wrapped V Belt, Cogged V Belt, Timing Belt , Poly V Belt and Conveyor Belt.

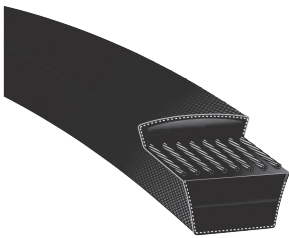
After 20 year rapid development, the company with a area of 100,000m<sup>2</sup>, total assets of over sixty million Dollars, and a staff of more than 400. Our Belts have been sold more than 50 Countries and enjoying a high reputation.

Our aim is to be the world's leading transmission belt company in next ten years and to be the most famous brand in the world. We expect cooperation with customers for a bright future.

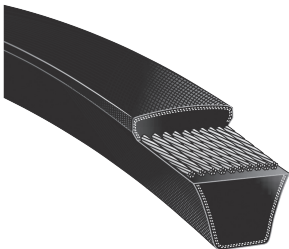


# WRAPPED V-BELT

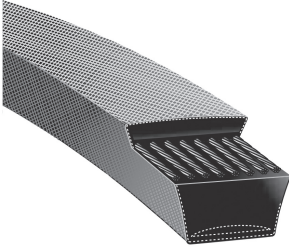
## CLASSIC V BELT

|                                                                                   | Type | Top Width<br>(mm) | Pitch Width<br>(mm) | Height<br>(mm) | Wedge Angle | Conversion Table |             | Length Standard | Minimum Diameter of pulley (mm) | Weight/ m (kgs) |
|-----------------------------------------------------------------------------------|------|-------------------|---------------------|----------------|-------------|------------------|-------------|-----------------|---------------------------------|-----------------|
|                                                                                   |      |                   |                     |                |             |                  |             |                 |                                 |                 |
|  | Z    | 10                | 8.5                 | 6              | 40          | $Li=Lw-25$       | $La=Li+38$  | La/Lw/Li        | 50                              | 0.065           |
|                                                                                   | A    | 13                | 11                  | 8              | 40          | $Li=Lw-33$       | $La=Li+50$  | La/Lw/Li        | 75                              | 0.112           |
|                                                                                   | B    | 17                | 14                  | 11             | 40          | $Li=Lw-43$       | $La=Li+69$  | La/Lw/Li        | 125                             | 0.192           |
|                                                                                   | C    | 22                | 19                  | 14             | 40          | $Li=Lw-56$       | $La=Li+88$  | La/Lw/Li        | 200                             | 0.31            |
|                                                                                   | D    | 32                | 27                  | 19             | 40          | $Li=Lw-82$       | $La=Li+119$ | La/Lw/Li        | 355                             | 0.61            |
|                                                                                   | E    | 38                | 32                  | 23             | 40          | $Li=Lw-95$       | $La=Li+145$ | La/Lw/Li        | 500                             | 0.94            |
|                                                                                   | F    | 50                | 42.5                | 30             | 40          | $Li=Lw-120$      | $La=Li+188$ | La/Lw/Li        |                                 | 1.58            |

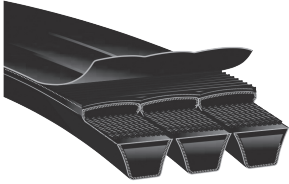
## NARROW V BELT

|                                                                                    | Type    | Top Width<br>(mm) | Pitch Width<br>(mm) | Height<br>(mm) | Wedge Angle | Conversion Table |             | Length Standard | Minimum Diameter of pulley (mm) | Weight/ m (kgs) |
|------------------------------------------------------------------------------------|---------|-------------------|---------------------|----------------|-------------|------------------|-------------|-----------------|---------------------------------|-----------------|
|                                                                                    |         |                   |                     |                |             |                  |             |                 |                                 |                 |
|  | SPZ     | 10                | 8                   | 8              | 40          | $Lw=Li+37$       | $La=Li+50$  | Lw              | 63                              | 0.075           |
|                                                                                    | SPA     | 13                | 11                  | 10             | 40          | $Lw=Li+45$       | $La=Li+63$  | Lw              | 90                              | 0.125           |
|                                                                                    | SPB     | 17                | 14                  | 14             | 40          | $Lw=Li+60$       | $La=Li+88$  | Lw              | 140                             | 0.22            |
|                                                                                    | SPC     | 22                | 19                  | 18             | 40          | $Lw=Li+83$       | $La=Li+113$ | Lw              | 224                             | 0.375           |
|                                                                                    | 3V(9N)  | 9.5               |                     | 8              | 40          | $La=Li+50$       | $Li=Lw-37$  | La              | 67                              | 0.075           |
|                                                                                    | 5V(15N) | 16                |                     | 13.5           | 40          | $La=Li+85$       | $Li=Lw-60$  | La              | 180                             | 0.21            |
|                                                                                    | 8V(25N) | 25.5              |                     | 23             | 40          | $La=Li+145$      | $Li=Lw-92$  | La              | 330                             | 0.525           |

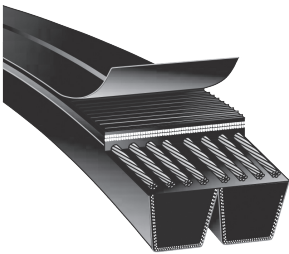
## LIGHT DUTY V BELT

|                                                                                     | Type | Top Width<br>(mm) | Pitch Width<br>(mm) | Height<br>(mm) | Wedge Angle | Conversion Table |            | Length Standard | Minimum Diameter of pulley (mm) | Weight/ m (kgs) |
|-------------------------------------------------------------------------------------|------|-------------------|---------------------|----------------|-------------|------------------|------------|-----------------|---------------------------------|-----------------|
|                                                                                     |      |                   |                     |                |             |                  |            |                 |                                 |                 |
|  | 3L   | 10                | 8.5                 | 6              | 40          | $Li=Lw-25$       | $La=Li+38$ | La/Li           | 50                              | 0.07            |
|                                                                                     | 4L   | 13                | 11                  | 8              | 40          | $Li=Lw-33$       | $La=Li+50$ | La/Li           | 75                              | 0.112           |
|                                                                                     | 5L   | 17                | 14                  | 11             | 40          | $Li=Lw-43$       | $La=Li+69$ | La/Li           | 125                             | 0.19            |

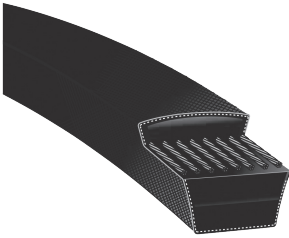
## BANDED V BELT

|                                                                                     | Type | Top Width<br>(mm) | Pitch Width<br>(mm) | Height<br>(mm) | Wedge Angle | Conversion Table |            | Length Standard | Max Banded (pcs) | Weight/ m (kgs) |
|-------------------------------------------------------------------------------------|------|-------------------|---------------------|----------------|-------------|------------------|------------|-----------------|------------------|-----------------|
|                                                                                     |      |                   |                     |                |             |                  |            |                 |                  |                 |
|  | HA   | 13.6              | 15.6                | 10             | 40          | $Li=La-63$       | $Li=Lw-33$ | La/Lw/Li        |                  | 0.163           |
|                                                                                     | HB   | 17                | 19                  | 13             | 40          | $Li=La-82$       | $Li=Lw-43$ | La/Lw/Li        | 28               | 0.266           |
|                                                                                     | HC   | 22.4              | 25.5                | 16             | 40          | $Li=La-100$      | $Li=Lw-56$ | La/Lw/Li        | 18               | 0.45            |
|                                                                                     | HD   | 32.8              | 37                  | 21.5           | 40          | $Li=La-135$      | $Li=Lw-82$ | La/Lw/Li        | 12               | 0.798           |

## BANDED NARROW V BELT

|  | Type | Top Width<br>(mm) | Pitch Width<br>(mm) | Height<br>(mm) | Wedge Angle | Conversion Table  | Length Standard | Max Banded<br>(pcs) | Weight/m<br>(kgs) |
|-----------------------------------------------------------------------------------|------|-------------------|---------------------|----------------|-------------|-------------------|-----------------|---------------------|-------------------|
|                                                                                   | HSPZ | 10.5              |                     | 10             | 40          | $L_w = L_i + 37$  | Lw              | 32                  | 0.13              |
|                                                                                   | HSPA | 13.6              |                     | 12.3           | 40          | $L_w = L_i + 45$  | Lw              |                     | 0.18              |
|                                                                                   | HSPB | 17                | 19.05               | 16.5           | 40          | $L_w = L_i + 60$  | Lw              | 25                  | 0.28              |
|                                                                                   | HSPC | 22                | 25.5                | 21             | 40          | $L_w = L_i + 83$  | Lw              | 21                  | 0.58              |
|                                                                                   | H3V  | 9.7               | 10.3                | 9.7            | 40          | $L_a = L_i + 63$  | La              | 32                  | 0.1               |
|                                                                                   | H5V  | 15.7              | 17.5                | 15.7           | 40          | $L_a = L_i + 98$  | La              | 30                  | 0.27              |
|                                                                                   | H8V  | 25.4              | 28.6                | 25.4           | 40          | $L_a = L_i + 157$ | La              | 18                  | 0.7               |

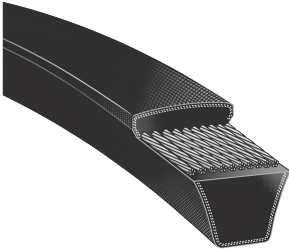
## AGRICULTURAL VARIABLE SPEED BELT

|  | Type   | Top Width<br>(mm) | Pitch Width<br>(mm) | Height<br>(mm) | Wedge Angle | Conversion Table  |                  | Length Standard | Weight/m<br>(kgs) |
|-------------------------------------------------------------------------------------|--------|-------------------|---------------------|----------------|-------------|-------------------|------------------|-----------------|-------------------|
|                                                                                     | HG(HB) | 16.5              | 15.4                | 8              | 26          | $L_i = L_a - 50$  | $L_w = L_a - 16$ | Li              | 0.16              |
|                                                                                     | HH(HC) | 20.4              | 19                  | 10             | 26          | $L_i = L_a - 63$  | $L_w = L_a - 19$ | Li              | 0.255             |
|                                                                                     | HI     | 25.4              | 23.6                | 12.7           | 26          | $L_i = L_a - 80$  | $L_w = L_a - 24$ | Li              | 0.403             |
|                                                                                     | HJ     | 31.8              | 29.6                | 15.1           | 26          | $L_i = L_a - 95$  | $L_w = L_a - 30$ | Li              | 0.56              |
|                                                                                     | HK     | 38.1              | 35.5                | 17.5           | 26          | $L_i = L_a - 110$ | $L_w = L_a - 36$ | Li              | 0.79              |
|                                                                                     | HL     | 44.5              | 41.4                | 19.8           | 26          | $L_i = L_a - 125$ | $L_w = L_a - 41$ | Li              | 1.15              |
|                                                                                     | HM     | 50.8              | 47.3                | 22.2           | 26          | $L_i = L_a - 140$ | $L_w = L_a - 48$ | Li              | 1.44              |
|                                                                                     | HN     | 57.2              | 53.2                | 23.9           | 26          | $L_i = L_a - 150$ | $L_w = L_a - 53$ | Li              | 1.7               |
|                                                                                     | HO     | 63.5              | 59.1                | 25.4           | 26          | $L_i = L_a - 160$ | $L_w = L_a - 60$ | Li              | 1.96              |

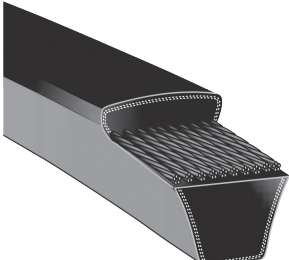
## HEXANGULAR V BELT

|  | Type | Top Width<br>(mm) | Height<br>(mm) | Wedge Angle | Conversion Table  | Length Standard | Weight/m<br>(kgs) |
|-------------------------------------------------------------------------------------|------|-------------------|----------------|-------------|-------------------|-----------------|-------------------|
|                                                                                     | AA   | 13                | 10             | 40          | $L_i = L_a - 63$  | Lw/Li           | 0.15              |
|                                                                                     | BB   | 17                | 13             | 40          | $L_i = L_a - 82$  | Lw/Li           | 0.25              |
|                                                                                     | CC   | 22                | 17             | 40          | $L_i = L_a - 107$ | Lw/Li           | 0.44              |

## RUSSIA MARKET V BELT

|  | Type    | Top Width | Height | Wedge Angle | Length Standard | Weight/m |
|-----------------------------------------------------------------------------------|---------|-----------|--------|-------------|-----------------|----------|
|                                                                                   |         | (mm)      | (mm)   |             |                 | (kgs)    |
|                                                                                   | 8.5*8   | 10.5      | 8      | 40          | Lw              | 0.07     |
|                                                                                   | 10*8    | 12        | 8      | 40          | Lw              | 0.09     |
|                                                                                   | 11*10   | 13        | 10     | 40          | Lw              | 0.13     |
|                                                                                   | 12.5*9  | 15        | 9      | 40          | Lw              | 0.155    |
|                                                                                   | 14*10   | 17        | 10     | 40          | Lw              | 0.19     |
|                                                                                   | 14*13   | 17        | 13     | 40          | Lw              | 0.22     |
|                                                                                   | 16*11   | 19        | 11     | 40          | Lw              | 0.23     |
|                                                                                   | 19*12.5 | 22        | 12.5   | 40          | Lw              | 0.31     |
|                                                                                   | 21*14   | 25        | 14     | 40          | Lw              | 0.375    |

## AGRICULTURAL V BELT

|  | Type | Top Width | Height | Length Standard |
|-------------------------------------------------------------------------------------|------|-----------|--------|-----------------|
|                                                                                     |      | (mm)      | (mm)   |                 |
|                                                                                     | SA   | 12.7      | 7      | La/Li           |
|                                                                                     | SB   | 16.7      | 9      | La/Li           |
|                                                                                     | SC   | 22.2      | 11     | La/Li           |

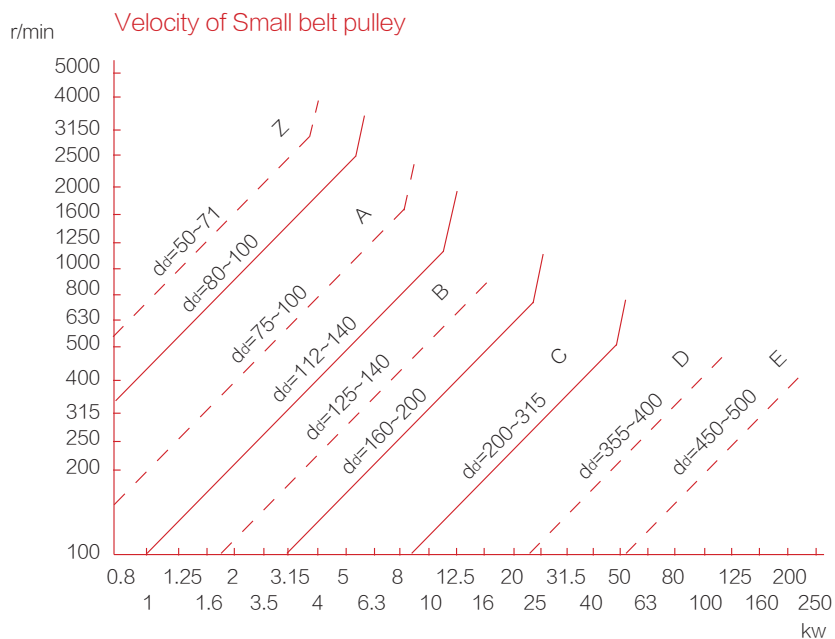


### MAINTENANCE-FREE

DESIGN PHILOSOPHY: THE RATE OF CHANGE FROM THE CENTER NO MORE THAN 0.8%, ONCE CORRECTLY TENSIONED THE V BELTS NEED NO MORE RETENSIONING.

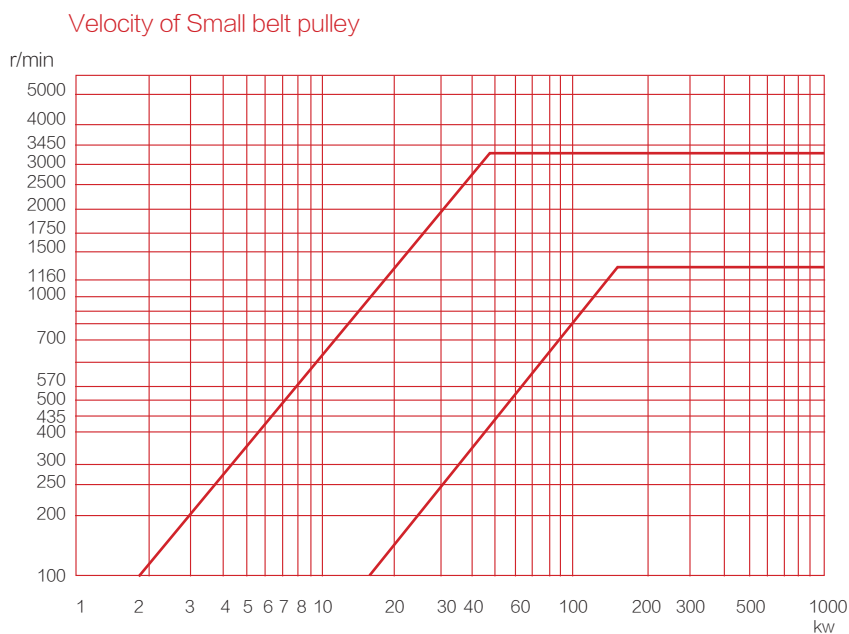
## Choices of V-belt Type

The type of Classical V-belt should be selected as per both the transmission defined power and the velocity of small belt pulley,see picture 1:



picture 1

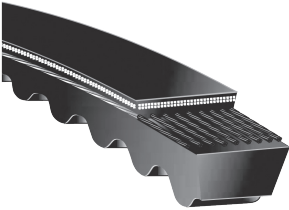
The type of Wedge V-belt should be selected as per both the transmission defined power and the velocity of small belt pulley,see picture 2;If choosing point is lied to the boundary of two belt types,please design as these twos then select one according to actual conditions.



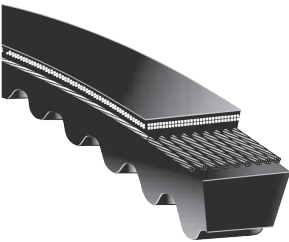
picture 2

# COGGED V-BELT

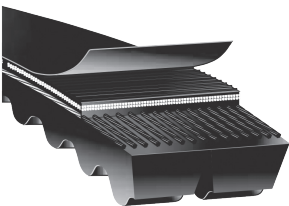
## COGGED V BELT

|  | Type       | Top Width | Pitch Width | Height | Wedge Angle | Conversion Table |             | Length Standard | Minimum Diameter of pulley (mm) | Weight/ m |
|-----------------------------------------------------------------------------------|------------|-----------|-------------|--------|-------------|------------------|-------------|-----------------|---------------------------------|-----------|
|                                                                                   |            | (mm)      | (mm)        | (mm)   |             |                  |             |                 |                                 | (kgs)     |
|                                                                                   | ZX (RECMF) | 10        | 8.5         | 6      | 40          | $Li=Lw-25$       | $La=Li+38$  | Lw/Li           | 40                              | 0.062     |
|                                                                                   | AX (RPF3)  | 13        | 11          | 8      | 40          | $Li=Lw-33$       | $La=Li+50$  | Lw/Li           | 56                              | 0.099     |
|                                                                                   | BX (RPF5)  | 17        | 14          | 11     | 40          | $Li=Lw-43$       | $La=Li+69$  | Lw/Li           | 90                              | 0.176     |
|                                                                                   | CX (RPF7)  | 22        | 19          | 14     | 40          | $Li=Lw-56$       | $La=Li+88$  | Lw/Li           | 140                             | 0.276     |
|                                                                                   | DX         | 32        | 27          | 19     | 40          | $Li=Lw-82$       | $La=Li+119$ | Lw/Li           |                                 | 0.598     |
|                                                                                   | EX         | 38        | 32          | 23     | 40          | $Li=Lw-95$       | $La=Li+145$ | Lw/Li           |                                 | 0.933     |

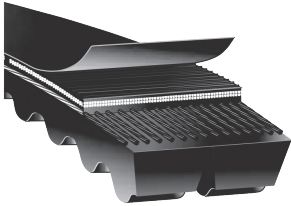
## COGGED NARROW V BELT

|  | Type | Top Width | Pitch Width | Height | Wedge Angle | Conversion Table |            | Length Standard | Minimum Diameter of pulley (mm) | Weight/ m |
|-------------------------------------------------------------------------------------|------|-----------|-------------|--------|-------------|------------------|------------|-----------------|---------------------------------|-----------|
|                                                                                     |      | (mm)      | (mm)        | (mm)   |             |                  |            |                 |                                 | (kgs)     |
|                                                                                     | XPZ  | 10        | 8           | 8      | 40          | $Li=La-50$       | $Lw=La-13$ | Lw              | 50                              | 0.065     |
|                                                                                     | XPA  | 13        | 11          | 10     | 40          | $Li=La-63$       | $Lw=La-18$ | Lw              | 63                              | 0.11      |
|                                                                                     | XPB  | 17        | 14          | 14     | 40          | $Li=La-82$       | $Lw=La-22$ | Lw              | 100                             | 0.2       |
|                                                                                     | XPC  | 22        | 19          | 18     | 40          | $Li=La-113$      | $Lw=La-30$ | Lw              | 160                             | 0.323     |
|                                                                                     | 3VX  | 9.5       |             | 8      | 40          | $Li=La-50$       | $Lw=Le-4$  | La              | 56                              | 0.063     |
|                                                                                     | 5VX  | 16        |             | 13.5   | 40          | $Li=La-82$       | $Lw=Le-11$ | La              | 112                             | 0.182     |
|                                                                                     | 8VX  | 25.5      |             | 23     | 40          | $Li=La-144$      | $Lw=Le-16$ | La              |                                 | 0.51      |

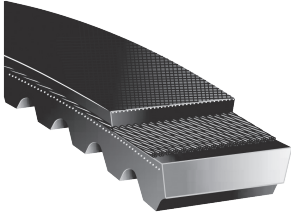
## BANDED COGGED V BELT

|  | Type | Top Width | Height | Center Distance | Length Standard | Weight/m |
|-------------------------------------------------------------------------------------|------|-----------|--------|-----------------|-----------------|----------|
|                                                                                     |      | (mm)      | (mm)   |                 |                 | (kgs)    |
|                                                                                     | RZX  | 10        | 8      | 12              | Li              | 0.08     |
|                                                                                     | RAX  | 13        | 10     | 15.88           | Li              | 0.14     |
|                                                                                     | RBX  | 17        | 13     | 19.05           | Li              | 0.24     |
|                                                                                     | RCX  | 22        | 16     | 25.4            | Li              | 0.42     |
|                                                                                     | RDX  | 32        | 21     | 36.53           | Li              | 0.75     |

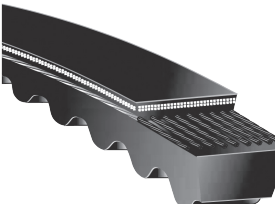
## BANDED COGGED NARROW V BELT

|  | Type | Top Width | Height | Center Distance | Length Standard | Weight/m |
|-----------------------------------------------------------------------------------|------|-----------|--------|-----------------|-----------------|----------|
|                                                                                   |      | (mm)      | (mm)   |                 |                 | (kgs)    |
|                                                                                   | RXPZ | 9.7       | 10     | 12              | Lw              | 0.105    |
|                                                                                   | RXPA | 12.7      | 12     | 15              | Lw              | 0.16     |
|                                                                                   | RPXB | 16.3      | 15     | 19              | Lw              | 0.26     |
|                                                                                   | RXPC | 22        | 20     | 25.5            | Lw              | 0.533    |
|                                                                                   | R3VX | 9         | 10     | 10.3            | La              | 0.095    |
|                                                                                   | R5VX | 15        | 15     | 17.5            | La              | 0.255    |
|                                                                                   | R8VX | 25.5      | 25     | 28.6            | La              | 0.655    |

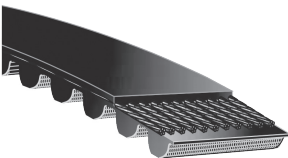
## INDUSTRIAL VARIABLE SPEED BELT

|  | Type  | Top Width | Height | Length Standard | Weight/m |
|-------------------------------------------------------------------------------------|-------|-----------|--------|-----------------|----------|
|                                                                                     |       | (mm)      | (mm)   |                 | (kgs)    |
|                                                                                     | 1022V | 16        | 6      | Lw              |          |
|                                                                                     | 1422V | 22        | 8      | Lw              | 0.174    |
|                                                                                     | 1922V | 30        | 10     | Lw              | 0.381    |
|                                                                                     | 2322V | 37        | 11     | Lw              | 0.529    |
|                                                                                     | 1926V | 30        | 11     | Lw              | 0.411    |
|                                                                                     | 2926V | 46        | 13     | Lw              | 0.584    |
|                                                                                     | 3226V | 51        | 13     | Lw              | 0.883    |
|                                                                                     | 2530V | 40        | 15     | Lw              | 0.744    |
|                                                                                     | 3230V | 51        | 16     | Lw              | 1.051    |
|                                                                                     | 4430V | 70        | 18     | Lw              | 1.677    |
|                                                                                     | 4036V | 64        | 18     | Lw              | 1.512    |
|                                                                                     | 4436V | 70        | 18     | Lw              | 1.677    |
|                                                                                     | 4836V | 76        | 19     | Lw              | 1.93     |
|                                                                                     | 6236V | 100       | 26     | Lw              |          |
|                                                                                     | W16   | 17        | 6      | Lw              | 0.144    |
|                                                                                     | W20   | 21        | 7      | Lw              | 0.198    |
|                                                                                     | W25   | 26        | 8      | Lw              | 0.215    |
|                                                                                     | W31.5 | 33        | 10     | Lw              | 0.43     |
|                                                                                     | W40   | 42        | 13     | Lw              | 0.562    |
|                                                                                     | W50   | 52        | 16     | Lw              | 1.03     |
|                                                                                     | W63   | 65        | 0      | Lw              | 1.71     |
|                                                                                     | W80   | 83        | 26     | Lw              | 2.45     |
|                                                                                     | W100  | 104       | 32     | Lw              |          |

## AUTOMOTIVE BELT

|  | Type | Top Width | Height | Wedge Angle | Length Standard | Weight/m |
|-----------------------------------------------------------------------------------|------|-----------|--------|-------------|-----------------|----------|
|                                                                                   |      | (mm)      | (mm)   |             |                 | (kgs)    |
|                                                                                   | AV10 | 10.7      | 8      | 36          | La              | 0.062    |
|                                                                                   | AV13 | 13        | 9      | 36          | La              | 0.099    |
|                                                                                   | AV15 | 15        | 11     | 38          | La              |          |
|                                                                                   | AV17 | 17        | 11     | 38          | La              | 0.176    |
|                                                                                   | AV22 | 22.2      | 13.5   | 38          | La              | 0.276    |

## MOTORCYCLE BELT

|  | Type   | Top Width | Height | Length Standard | Weight/m |
|------------------------------------------------------------------------------------|--------|-----------|--------|-----------------|----------|
|                                                                                    |        | (mm)      | (mm)   |                 | (kgs)    |
|                                                                                    | VS15   | 15        | 8.5    | Le              | 0.132    |
|                                                                                    | VX15.5 | 15.5      | 8.5    | Le              | 0.138    |
|                                                                                    | VS16.5 | 16.5      | 8.5    | Le              | 0.15     |
|                                                                                    | VS17   | 17        | 8.5    | Le              | 0.156    |
|                                                                                    | VS18   | 18        | 8.5    | Le              | 0.68     |
|                                                                                    | VS19   | 19        | 10     | Le              | 0.202    |
|                                                                                    | VS20   | 20        | 10     | Le              | 0.216    |
|                                                                                    | VS22   | 22        | 11     | Le              | 0.262    |



HIGH POWER RATINGS

HIGH TEMPERATURE  
RESISTANT

# TIMING BELT&POLY BELT

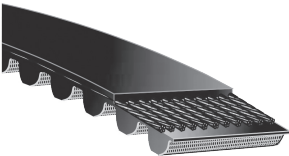
## AUTO TIMING BELT

|  | Type  | Pitch | Tooth Height | Belt Thickness | Inter-Tooth Space | Rr   | Ra    |
|-----------------------------------------------------------------------------------|-------|-------|--------------|----------------|-------------------|------|-------|
|                                                                                   | ZA    | 9.525 | 1.91         | 4.1            | 0.686             | 0.51 | 0.51  |
|                                                                                   | MR    | 9.525 | 3.54         | 5.69           |                   | 0.76 | 2.5   |
|                                                                                   | RU    | 9.525 | 2.29         | 4.5            | 0.686             | 1.02 | 1.02  |
|                                                                                   | ZBS   | 9.525 | 2.8          | 5.1            | 0.686             | 1    | 3.6   |
|                                                                                   | Y(MY) | 8.000 | 3.06         | 5.21           |                   | 0.3  | 2.2   |
|                                                                                   | ZD    | 9.525 | 3.5          | 5.5            | 0.686             | 0.76 | 2.45  |
|                                                                                   | S8M   | 8.000 | 3.04         | 5.2            | 0.686             | 0.64 | 0.11  |
|                                                                                   | YU    | 8.000 | 3.05         | 5.2            |                   | 0.3  | 0.078 |

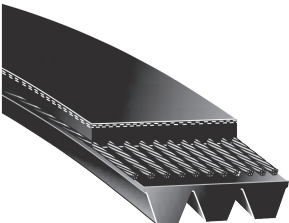
## INDUSTRIAL TIMING BELT

| <br> | Type | Pitch  | Tooth Height | Belt Thickness | Angle | Allowed Min Diameter D(mm) | Weight/ m(kgs) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|--------------|----------------|-------|----------------------------|----------------|
|                                                                                                                                                                            | MXL  | 2.032  | 0.51         | 1.14           | 40    | 15                         | 0.0014         |
|                                                                                                                                                                            | XXL  | 3.175  | 0.76         | 1.52           | 50    |                            | 0.0018         |
|                                                                                                                                                                            | XL   | 5.080  | 1.27         | 2.30           | 50    | 15                         | 0.0025         |
|                                                                                                                                                                            | L    | 9.525  | 1.91         | 3.60           | 40    | 20                         | 0.0035         |
|                                                                                                                                                                            | H    | 12.700 | 2.29         | 4.30           | 40    | 40                         | 0.0047         |
|                                                                                                                                                                            | XH   | 22.225 | 6.35         | 11.20          | 40    | 70                         | 0.011          |
|                                                                                                                                                                            | XXH  | 31.750 | 9.53         | 15.70          | 40    | 100                        | 0.0132         |
|                                                                                                                                                                            | T2.5 | 2.500  | 0.70         | 1.30           | 40    | 15                         | 0.0018         |
|                                                                                                                                                                            | T5   | 5      | 1.20         | 2.20           | 40    | 15                         | 0.0027         |
|                                                                                                                                                                            | T10  | 10     | 2.50         | 4.50           | 40    | 20                         | 0.0052         |
|                                                                                                                                                                            | T20  | 20     | 5.00         | 8.00           | 40    | 70                         | 0.0113         |
|                                                                                                                                                                            | AT5  | 5      | 1.50         | 2.70           | 50    | 20                         | 0.0037         |
|                                                                                                                                                                            | AT10 | 10     | 2.50         | 5.00           | 50    | 40                         | 0.0064         |
|                                                                                                                                                                            | AT20 | 20     | 5.00         | 8.00           | 50    |                            | 0.011          |

## INDUSTRIAL TIMING BELT

|  | Gear Code | Type  | Pitch | Tooth Height | Belt Thickness | Allowed Min Diameter D(mm) | Weight/ m(kgs) |
|-----------------------------------------------------------------------------------|-----------|-------|-------|--------------|----------------|----------------------------|----------------|
|                                                                                   | H         | 2M    | 2     | 0.75         | 1.36           | 15                         | 0.0023         |
|                                                                                   |           | 3M    | 3     | 1.17         | 2.4            | 15                         | 0.0029         |
|                                                                                   |           | 5M    | 5     | 2.06         | 3.8            | 25                         | 0.0038         |
|                                                                                   |           | 8M    | 8     | 3.36         | 6              | 40                         | 0.0066         |
|                                                                                   |           | 14M   | 14    | 6.02         | 10             | 80                         | 0.0111         |
|                                                                                   |           | 20M   | 20    | 8.4          | 13.2           |                            | 0.0177         |
|                                                                                   | S         | S2M   | 2     | 0.76         | 1.36           | 15                         | 0.0023         |
|                                                                                   |           | S3M   | 3     | 1.14         | 2.2            | 15                         | 0.0029         |
|                                                                                   |           | S4.5M | 4.5   | 1.71         | 2.81           | 25                         | 0.0033         |
|                                                                                   |           | S5M   | 5     | 1.91         | 3.4            | 25                         | 0.0037         |
|                                                                                   |           | S8M   | 8     | 3.05         | 5.3            | 40                         | 0.0057         |
|                                                                                   |           | S14M  | 11    | 5.3          | 10.2           | 80                         | 0.0106         |
|                                                                                   | RPP/ HPPD | RP2M  | 2     | 0.76         | 1.36           | 15                         |                |
|                                                                                   |           | RP3M  | 3     | 1.15         | 1.9            | 15                         | 0.0029         |
|                                                                                   |           | RP5M  | 5     | 1.95         | 3.5            | 25                         | 0.0037         |
|                                                                                   |           | RP8M  | 8     | 3.2          | 5.5            | 40                         | 0.0057         |
|                                                                                   |           | RP14M | 14    | 6            | 10             | 80                         | 0.0106         |

## POLY V BELT

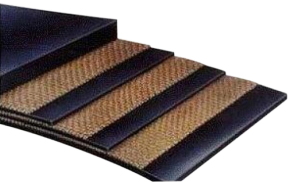
|  | Type | Height (mm) | Center Distance | Wedge Angle | Length standard | Weight/m (mm) |
|-------------------------------------------------------------------------------------|------|-------------|-----------------|-------------|-----------------|---------------|
|                                                                                     | PH   | 3           | 1.6             | 40          | Le              | 0.008         |
|                                                                                     | PJ   | 3.5         | 2.34            | 40          | Le              | 0.01          |
|                                                                                     | PK   | 6           | 3.56            | 40          | Le              | 0.02          |
|                                                                                     | PL   | 9.5         | 4.7             | 40          | Le              | 0.036         |
|                                                                                     | PM   | 16.5        | 9.4             | 40          | Le              | 0.124         |
|                                                                                     | DPJ  | 5.6         | 2.34            | 40          | Le              | 0.02          |
|                                                                                     | DPK  | 8.8         | 3.56            | 40          | Le              | 0.03          |
|                                                                                     | DPL  | 15          | 4.7             | 40          | Le              | 0.062         |

# CONVEYOR BELT

## POLYESTER CONVEYOR BELT

|                                                                                   | Carcass | Fabric Structure |          | Type  | No. of Plies | Cover Thickness(mm) |          | Belt Width<br>(mm) |
|-----------------------------------------------------------------------------------|---------|------------------|----------|-------|--------------|---------------------|----------|--------------------|
|                                                                                   |         | Warp             | Weft     |       |              | Top                 | Bottom   |                    |
|  | EP      | Polyester        | Nylon-66 | EP80  | 2--6         | 3.0-18.0            | 1.5-10.0 | 300-2500           |
|                                                                                   |         |                  |          | EP100 |              |                     |          |                    |
|                                                                                   |         |                  |          | EP125 |              |                     |          |                    |
|                                                                                   |         |                  |          | EP150 |              |                     |          |                    |
|                                                                                   |         |                  |          | EP200 |              |                     |          |                    |
|                                                                                   |         |                  |          | EP250 |              |                     |          |                    |
|                                                                                   |         |                  |          | EP300 |              |                     |          |                    |
|                                                                                   |         |                  |          | EP350 |              |                     |          |                    |
|                                                                                   |         |                  |          | EP400 |              |                     |          |                    |
|                                                                                   |         |                  |          | EP500 |              |                     |          |                    |

## NYLON CONVEYOR BELT

|                                                                                     | Carcass | Fabric Structure |          | Type  | No. of Plies | Cover Thickness(mm) |          | Belt Width<br>(mm) |
|-------------------------------------------------------------------------------------|---------|------------------|----------|-------|--------------|---------------------|----------|--------------------|
|                                                                                     |         | Warp             | Weft     |       |              | Top                 | Bottom   |                    |
|  | NN      | Nylon-66         | Nylon-66 | NN80  | 2--6         | 3.0-18.0            | 1.5-10.0 | 300-2500           |
|                                                                                     |         |                  |          | NN100 |              |                     |          |                    |
|                                                                                     |         |                  |          | NN125 |              |                     |          |                    |
|                                                                                     |         |                  |          | NN150 |              |                     |          |                    |
|                                                                                     |         |                  |          | NN200 |              |                     |          |                    |
|                                                                                     |         |                  |          | NN250 |              |                     |          |                    |
|                                                                                     |         |                  |          | NN300 |              |                     |          |                    |
|                                                                                     |         |                  |          | NN350 |              |                     |          |                    |
|                                                                                     |         |                  |          | NN400 |              |                     |          |                    |
|                                                                                     |         |                  |          | NN500 |              |                     |          |                    |

## COTTON CONVEYOR BELT

|  | Carcass | Fabric Structure |        | Type  | No. of Plies | Cover Thickness(mm) |          | Belt Width<br>(mm) |
|-----------------------------------------------------------------------------------|---------|------------------|--------|-------|--------------|---------------------|----------|--------------------|
|                                                                                   |         | Warp             | Weft   |       |              | Top                 | Bottom   |                    |
|                                                                                   | NN      | Cotton           | Cotton | CC-56 | 2--6         | 3.0-18.0            | 1.5-10.0 | 300-2500           |
|                                                                                   | TC      | Polyester        | Cotton | TC-70 |              |                     |          |                    |

## Heat Resistant Conveyor Belt

- Heat resistant conveyor belt can be divided into three types according to working temperature range:  
HRT-1 =100℃ , HRT-2=125℃ , HRT-3=150℃ .

## Oil Resistant Conveyor Belt

## Flame Resistant Conveyor Belt

## Cold Resistant Conveyor Belt

## Chemical Resistant Conveyor Belt

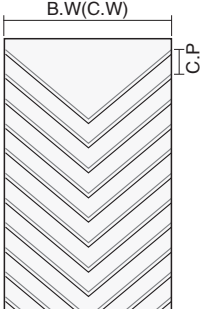
| Standards   | Cover Rubber     |                     |                 | Adhesion           |                  |            |
|-------------|------------------|---------------------|-----------------|--------------------|------------------|------------|
|             | Tensile Strength | Elongation at break | Abrasion        | Cover to Ply       | Cover to Ply     | Ply to Ply |
|             | Mpa              | %                   | mm <sup>3</sup> | N/mm<br>( ≤ 1.5mm) | N/mm<br>(>1.5mm) | N/mm       |
| DIN 22102-Z | 15               | 350                 | 250             | 3.5                | 4.5              | 5          |
| DIN 22102-W | 18               | 400                 | 90              | 3.5                | 4.5              | 5          |
| DIN 22102-Y | 20               | 400                 | 150             | 3.5                | 4.5              | 5          |
| DIN 22102-X | 25               | 450                 | 120             | 3.5                | 4.5              | 5          |
| RMA-I       | 17               | 400                 | 125             | 3                  | 4.4              | 4          |
| RMA-II      | 14               | 400                 | 175             | 3                  | 4.4              | 4          |
| Light       | 10               | 350                 | 280             | 3.5                | 4.5              | 5          |
|             | 12               | 350                 | 260             | 3.5                | 4.5              | 5          |

- We could offer belt with cover grade in accordance to International standard such as DIN 22102, RMA, AS 1332, SABS 1173/2000, IS 1891, BS 490, JIS K 6322, etc.

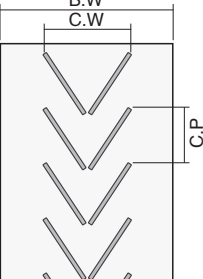
# CHEVRON CONVEYOR BELT

## CLEAT PATTERN RANGES

### V6

|  | Cleat Height(mm) | Cleat Width(mm) | Pitch(mm) | Belt Width(mm) | Item No.    |
|-----------------------------------------------------------------------------------|------------------|-----------------|-----------|----------------|-------------|
|                                                                                   | 6                | 500~1000        | 80        | 500~1200       | V6-80-1000  |
|                                                                                   | 6                | 400~1000        | 100       | 400~1000       | V6-100-1000 |
|                                                                                   | 6                | 1200            | 240       | 1200~1600      | V6-240-1200 |
|                                                                                   | 6                | 1015            | 260       | 1000~1200      | V6-260-1015 |
|                                                                                   | 6                | 500~1200        | 150       | 500~1200       | V6-150-1200 |
|                                                                                   | 6                | 650             | 100       | 650~900        | V6-100-650  |
|                                                                                   | 6                | 1000            | 100       | 1000~1200      | V6-100-1000 |
|                                                                                   | 6                | 1200            | 100       | 1200~1600      | V6-100-1200 |

### Open V15

|  | Cleat Height(mm) | Cleat Width(mm) | Pitch(mm) | Belt Width(mm) | Item No.    |
|------------------------------------------------------------------------------------|------------------|-----------------|-----------|----------------|-------------|
|                                                                                    | 15               | 300             | 146       | 400~550        | V15-146-300 |
|                                                                                    | 15               | 380             | 250       | 450~850        | V15-250-380 |
|                                                                                    | 15               | 385             | 250       | 400~1000       | V15-280-385 |
|                                                                                    | 15               | 450             | 225       | 600~650        | V15-225-450 |
|                                                                                    | 15               | 600             | 328       | 700~1200       | V15-328-600 |
|                                                                                    | 15               | 600             | 250       | 650~1000       | V15-250-600 |
|                                                                                    | 15               | 750             | 250       | 800~1200       | V15-250-750 |

## RUBBER SHEETING

|  | Type              | Specific Gravity<br>(g/cc) | Hardness<br>(Shore A) | Tensile Strength<br>(Mpa) | Elongation at break % | Color |
|-------------------------------------------------------------------------------------|-------------------|----------------------------|-----------------------|---------------------------|-----------------------|-------|
|                                                                                     | NR/SBR            | 1.45                       | 50±5                  | 5                         | 300                   | black |
|                                                                                     |                   | 1.5                        | 60±5                  | 4                         | 250                   | black |
|                                                                                     |                   | 1.6                        | 65±5                  | 3                         | 250                   | black |
|                                                                                     |                   | 1.7                        | 70±5                  | 2-2.5                     | 200                   | black |
|                                                                                     | NR/SBR 1 Ply      | 1.6                        | 65±5                  | 3                         | 250                   | black |
|                                                                                     | NR/SBR 2 Ply      | 1.6                        | 65±5                  | 3                         | 250                   | black |
|                                                                                     | red SBR Sheetting | 1.7                        | 80±5                  | 3                         | 200                   | red   |
|                                                                                     | grey              | 1.7                        | 80±5                  | 3                         | 200                   | grey  |

### Specification

Thickness: 1mm~50mm

Width: 0.5m~2m

Length: 1m~30m



 **BAOPOWER**  
EP400/3  
42"x(1/4+1/8)x200M

 **BAOPOWER**  
EP400/3  
42"x(1/4+1/8)x200M



**ZHEJIANG POWERBELT CO.,LTD.**

Address: No.27 Shifeng East Road, Tiantai City,  
Zhejiang Province, China

Tel: +86-576-8393 8608/8393 8618

+86-576-8393 8628/8393 8638

Fax: +86-576-83938618

Email: [export@powerbelt.cn](mailto:export@powerbelt.cn)

[www.baopower.com](http://www.baopower.com)