



# 10 SUPER HC & HI-POWER POWERBAND

WRAPPED, NARROW SECTION/CLASSICAL SECTION JOINED V-BELT

Gates Super HC PowerBand and Hi-Power PowerBand offer a solution for drives where single belts vibrate, turn over or jump off the sprockets. They consist of several V-belts joined together by a permanent, highstrength tie band offering a tougher more stable solution compared to a single belt.

## CONSTRUCTION

- Strong band controls belt-to-belt distance and prevents sideways bending.
- Flex-bonded tensile cords are vulcanized as one solid unit making the belt highly resistant to tensile and flexing forces, fatigue and shock loads.
- Hi-Power PowerBand B, C and D sections are available on request.
- Concave sides and arched top.
- Flex-Weave™ cover protects the belt core from the toughest environments.
- Elastomeric compound protects the belt against heat, ozone and sunlight.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU-ATEX.
- Super HC PowerBand is available in SPB, SPC, 3V(9J), 5V(15J) and 8V(25J) sections.

## BENEFITS

- Better resistance to vibrations.
- High stability and smooth running on the toughest drives.
- Important design economies possible.
- Savings in drive space and weight due to high transmission efficiency.
- Available on demand in Matched sets. Contact Customer Service for details.
- REACH and RoHS 2 compliant.
- Temperature range: -30°C to +60°C.

**ORDERING CODE**

**SPB2500/3**  
**SPB** - Section  
**2500** - Datum length (mm)  
**3** - Number of ribs  
**NOTE:** For correct design and tensioning of the belt please use Gates Design Power software, available on [www.gates.com](http://www.gates.com)

**PLEASE REFER TO P. 135 FOR SIZE LIST - ONLINE**

### SECTIONS AND NOMINAL DIMENSIONS

Section	Width (mm)	Height (mm)	Rib spacing/ Pitch mm	Available number of ribs	Length range (datum length - mm)
<b>SUPER HC POWERBAND</b>					
SPB	16	13	19.00	2 · 16	2120 - 8000
SPC	22	18	25.50	2 · 12	3000 - 11200
3V/9J	10	8	10.30	2 · 30	1400 - 3550 effective length - mm
5V/15J	16	13	17.50	2 · 16	1400 - 9000 effective length - mm
8V/25J	26	23	28.60	2 · 12	2540 - 15240 effective length - mm
<b>HI-POWER POWERBAND</b>					
B	17	10	19.05	2 · 12	935 - 8009 effective length - mm
C	22	12	25.40	2 · 12	1598 - 10688 effective length - mm
D	32	19	36.53	2 · 8	3132 - 16784 effective length - mm

