



# 08 PREDATOR POWERBAND

HEAVY DUTY WRAPPED NARROW SECTION JOINED V-BELT WITH ARAMID CORD

Gates' Predator PowerBand belt design offers a solution for drives where single belts vibrate, turn over or jump off the sprockets. It consists of several V-belts joined together by a permanent, high-strength tie band allowing the belts to work together as one unit. The Predator Powerband belt is especially designed for demanding applications and harsh environments and offers a high resistance to vibration. Predator Powerband are available in SPBP, SPCP, 5VP/15JP and 8VP section.

## CONSTRUCTION

- Narrow cross-sections.
- Strong tie band joins the back of all belts.
- Flex bonded aramid tensile cords.
- Double layer bare back fabric cover.
- Fibre-loaded compound for improved belt stability.
- Gates curves provide full contact with sprocket grooves for uniform loading of cords, uniform wear and increased belt life.
- The belt will not catch fire from heat build-up, even with severe slippage.

## BENEFITS

- At least 40% higher power ratings than standard construction V-belts.
- No need for constant belt re-tensioning.
- Aramid tensile cords easily handle shock loads.
- Less maintenance, less downtime.
- Excellent problem solver.
- Feature a multiple layer tie band that provides excellent lateral rigidity to prevent belts from turning over or from coming off the drive.
- Predator PowerBand belts are static conductive (ISO 1813) (except for 8VP) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- 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
<b>SPBP3350/3</b> <b>SPB - Section</b> <b>P</b> - Predator version <b>3350</b> - Datum length (mm) <b>3</b> - Number of ribs <b>NOTE:</b> For correct design and tensioning of the belt please use Gates Design Power software, available on <a href="http://www.gates.com">www.gates.com</a>
<b>PLEASE REFER TO P. 124 FOR SIZE LIST.</b>

## SECTIONS AND NOMINAL DIMENSIONS

Section	Width (mm)	Height (mm)	Rib spacing/ Pitch (mm)	Available number of ribs	Length range (datum length - mm)
SPBP	16	13	19.0	2 · 16	2120 - 8000
SPCP	22	18	25.5	2 · 12	3000 - 11200
5VP/15JP	16	13	17.5	2 · 16	1400 - 9000 effective length - mm
8VP/25JP	26	23	28.6	2 · 12	5080 - 10200 effective length - mm

