

optibelt KB RED POWER 3

HIGH PERFORMANCE KRAFTBANDS



Maintenance-free **optibelt RED POWER 3** V-belts and kraftbands achieve an up to 50% higher power transmission capacity compared to wedge belts in standard technical design. Thanks to lower maintenance costs and a reduced demand for replacements due to fewer belts and smaller pulleys, up to 35% cost savings are possible. This means that up to 18% of the costs can be saved even for new acquisitions. Additional cost savings are due to the space-saving design as well as minimised shafts and bearings.

The tension cord consists of a special polyester cord. Thanks to special treatment of the tension cord, the **optibelt RED POWER 3** high performance wedge belt is very low-stretch and maintenance-free so that re-tensioning is not necessary. The transverse fibre blend above and below the tension cord provides especially high dimensional stability. The abrasion-resistant special wrapping fabric improves the flexibility compared to wedge belts in technical standard design.

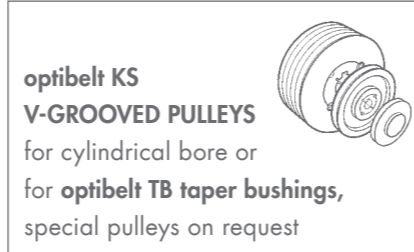
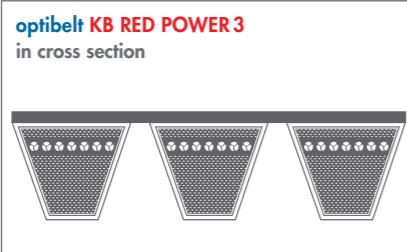
Advantages and Characteristics

- single belt characteristics
- low-vibration operation
- V-grooved / flat pulley drives
- coupling drives
- conveying jobs

Profiles and Belt Length Ranges

SPB KB	2000 – 8000 mm
SPC KB	3000 – 10000 mm
3V KB	50 – 140 in /
9J	1270 – 3556 mm
5V KB	56 – 315 in /
15J	1422 – 8001 mm
8V KB	100 – 475 in /
25J	2540 – 12065 mm

Other profiles and lengths on request



optibelt KB BLUE POWER

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optibelt KB BLUE POWER kraftbands are made of wrapped **optibelt BLUE POWER** high performance wedge belts which are joined together by a highly wear-resistant top surface. This compact drive product is the preferred choice for handling extreme shock loads, large centre distances and vertical shafts.

Depending on the application, up to five ribs may be used per kraftband. If several kraftbands are used next to each other, they must be ordered as a set.

Advantages and Characteristics

- new version: ultra-compact, ultra cost-efficient design possible compared to drives with wrapped wedge belts
- problem solver: much longer lifetime and reduced maintenance when used in existing overloaded systems
- suitable for back bend idlers
- powerful: approx. 100% higher performance compared to **optibelt KB SK** kraftbands
- increased chemical resistance
- suitable for extremely heavily loaded drives
- temperature-resistant from -30 °C to +100 °C
- meets ISO 1813 anti-static requirements
- single belt characteristics
- low-vibration operation
- V-grooved / flat pulley drives
- coupling drives
- conveying jobs

Profiles and Belt Length Ranges

SPB KB	1200 – 4750 mm
SPC KB	1200 – 5600 mm
5V KB	80 – 315 in /
15J	2032 – 8001 mm
8V KB	100 – 475 in /
25J	2540 – 12065 mm

Other lengths on request

