

optibelt BLUE POWER

HIGH PERFORMANCE WEDGE BELTS



The new **optibelt BLUE POWER** high performance wrapped wedge belt has a high-strength aramid cord, and is suitable as an individual belt, in a set or as a kraftband and is particularly suited for large, heavily loaded drives.

The **optibelt BLUE POWER** wedge belt has about twice the capacity of a wedge belt in the standard technical design. This translates to up to 100% extra performance.

If several wedge belts are used next to each other, they must be ordered as a set.

Advantages and Characteristics

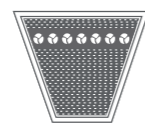
- new version: ultra-compact, ultra cost-efficient design possible compared to drives with wrapped wedge belts
- problem solver: much longer lifetime and reduced maintenance when used in existing overloaded systems
- suitable for back bend idlers
- powerful: approx. 100% higher performance compared to standard wedge belt
- suitable for extremely heavily loaded drives
- temperature-resistant from -30 °C to +100 °C
- meets ISO 1813 anti-static requirements
- increased chemical resistance

Profiles and Belt Length Ranges

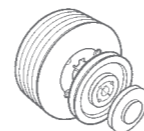
SPB	1500 – 8000 mm
SPC	2000 – 9000 mm
8V	160 – 355 in /
25N	4064 – 9017 mm

Other profiles and lengths on request

optibelt BLUE POWER
in cross section



optibelt KS
V-GROOVED PULLEYS
for cylindrical bore or
for **optibelt TB taper bushings**,
special pulleys on request



optibelt SK S=C Plus

WEDGE BELTS



The **optibelt SK** wrapped wedge belt was developed particularly with mechanical engineering in mind, where it replaces the classic V-belt. It transmits some 50% more power in comparison and so makes it possible to use more compact and lower-priced drives as a result when making new acquisitions.

Existing drives, such as B/17, with a classic section can be replaced with the SPB wedge belt section. In order to do so, it is essential to take account of the minimum pulley diameter required for wedge belts, which is greater than for classic V-belts, despite its identical width, due to the increased thickness of the wedge belt. It is also necessary to use suitable pulleys for wedge belts.

The wrapped wedge belt has the same outstanding attributes of the Optibelt **S=C Plus**, with an efficiency of nearly 97%, and is always the right length for sets without measuring.

Advantages and Characteristics

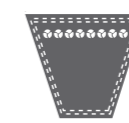
- high efficiency
- considerable energy-saving
- excellent running properties
- superior price-performance ratio
- low maintenance costs
- S=C Plus, always the right length for sets without measuring

Profiles and Belt Length Ranges

SPZ	487 – 3550 mm
SPA	732 – 4500 mm
SPB	1250 – 8000 mm
SPC	2000 – 12500 mm
3V	25 – 140 in /
9N	635 – 3556 mm
5V	53 – 355 in /
15N	1346 – 9017 mm
8V	100 – 500 in /
25N	2540 – 12700 mm

Other lengths on request

optibelt SK S=C Plus
in cross section



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