

optibelt SUPER KBX-POWER

HIGH PERFORMANCE KRAFTBANDS



optibelt SUPER KBX-POWER kraftbands consist of optibelt SUPER X-POWER V-belts which are joined together with a highly wear-resistant top surface.

These kraftbands display considerably improved tension behaviour compared to conventional raw edge kraftbands. 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.

optibelt SUPER KBX-POWER kraftbands are recommended for use with extreme impact loads, vertically running axes, large centre distances and many other special tasks in the field of mechanical and vehicle engineering. The power ratings correspond to the profiles of optibelt SUPER X-POWER V-belts.

Advantages and Characteristics

- compact drive solutions
- increased power transmission capacity
- low-stretch / low maintenance
- optimised running characteristics
- small pulley diameter / large belt span

Kraftbands

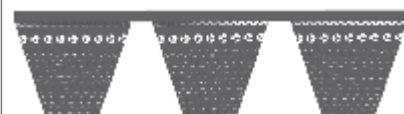
- single belt characteristics
- low-vibration operation
- V-grooved / flat pulley drives
- coupling drives
- conveying jobs

Profiles and Belt Length Ranges

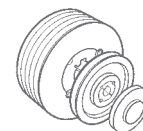
3VX KB	50 – 140 in /
9JX	1270 – 3556 mm
5VX KB	50 – 140 in /
15JX	1270 – 3556 mm

Other dimensions on request

optibelt SUPER KBX-POWER
in cross section



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



optibelt VARIO POWER

VARIABLE SPEED BELTS



The base compound consists of a poly-chloroprene rubber compound with fibres inlaid transversely to the running direction. The high-quality and extremely low-stretch polyester or aramid tension cord is embedded in a cushion compound. It is reinforced with a fabric outer surface, and the transverse fibres incorporated provide transverse rigidity without sacrificing flexibility.

optibelt VARIO POWER variable speed belts are the preferred choice for infinitely variable speed control. The special belt structure allows high dynamic loads, superior power transmission capability and good control characteristics.

Also available as a double-sided belt.

Advantages and Characteristics

- high power transmission
- long service life
- smooth running even at high speeds
- high flexibility
- optimised heat dissipation

Profiles and Belt Length Ranges

Width: from 10 to ~85 mm
Height: from 5 to ~30 mm
Inside length: from 550 to ~3500 mm
Angles: from 22° to 42°
can be manufactured on request

Other dimensions on request

optibelt VARIO POWER
in cross section



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

