

# optibelt RED POWER 3 S=C Plus

## HIGH PERFORMANCE WEDGE BELTS



Maintenance-free **optibelt RED POWER 3** V-belts and kraftbands have an up to 50% higher power transmission capacity compared to wedge belts in their 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 result from the space-saving design as well as minimised shafts and bearings.

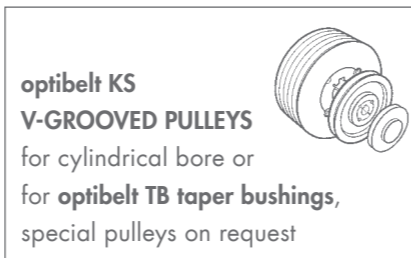
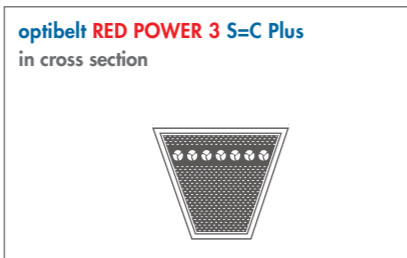
### Advantages and Characteristics

- maintenance-free; optimum tension over the entire lifetime
- new version: more compact, affordable structure compared to drives with conventional wedge belts
- S=C Plus, always the right length for sets without measuring
- up to 97% efficiency
- suitable for back bend idlers
- problem solver: much longer service life and clearly reduced maintenance requirement when used in overloaded existing drives
- temperature-resistant from -30 °C to +100 °C
- meets ISO 1813 anti-static requirements

### Profiles and Belt Length Ranges

SPZ	1202 – 3550 mm
SPA	1207 – 4000 mm
SPB	1250 – 8000 mm
SPC	2000 – 10000 mm
3V	47.5 – 140 in /
9N	1206 – 3556 mm
5V	53 – 315 in /
15N	1346 – 8001 mm
8V	100 – 475 in /
25N	2540 – 12065 mm

Other profiles and lengths on request



# optibelt RED POWER 3 Classic S=C Plus

## CLASSIC HIGH-PERFORMANCE V-BELTS



optibelt **RED POWER 3 Classic S=C Plus** has a classic belt section and replaces standard technical models of classic belts in existing drives.

These belt profiles allow a flatter design compared to wedge belts, making smaller pulley diameters possible despite an identical upper width. The minimum pulley diameters are correspondingly smaller.

**Optibelt RED POWER 3 Classic** belts meet the well-known close S=C Plus nominal length tolerances and so are always the right length for sets without re-measuring.

### Applications

As a classic among V-belts, **optibelt RED POWER 3 Classic** is used in many general mechanical engineering applications, mainly in existing drives in America and Asia. Classic belt sections are still very common there.

### Advantages and characteristics

- S=C Plus, always the right length for sets without measuring
- Maintenance-free, optimum tension over the entire lifespan
- Meets ISO 1813 anti-static requirements
- Allows smaller pulley diameters than with wedge belts
- Up to 20% higher performance than in technical standard version

### Sections and belt length ranges

- A 52–120 in
- B 52–148 in

Other sizes available on request

