



optibelt **RED POWER 3**

**TOUGH DRIVE
FOR TOUGH JOBS**

GET STARTED





optibelt

RED POWER 3

High performance wedge belt

FEATURES

PROFILES

LIFETIME

MAINTENANCE FREE

COST EXAMPLE

CONTACT US!



FEATURES



MORE EFFICIENCY – MORE POWER

Up to 97% efficiency



HIGHER PERFORMANCE

Up to 50% higher power transmission capacity compared to conventional standard V-belts



HIGH TEMPERATURE RESISTANCE

Resistant from -30°C to $+100^{\circ}\text{C}$



MAINTENANCE-FREE

No maintenance intervals are required during the entire lifetime



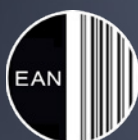
NEW LABEL SAME QUALITY



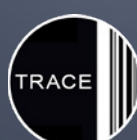
QR CODE



ICONS



EAN CODE



TRACING



optibelt RED POWER 3



Made in Germany
Engineered in Germany

SPB 2000 Ld



PROFILES/SIZES V-BELTS

SPZ	1170	–	18 000 mm
SPA	1170	–	18 000 mm
SPB	1170	–	12 000 mm
SPC	1900	–	21 000 mm
3V/9N	460	–	7080 in
5V/15N	460	–	4720 in
8V/25N	820	–	7080 in

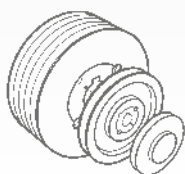
PROFILES/SIZES KRAFTBANDS

SPB KB	2240	–	10 000 mm
SPC KB	2240	–	10 000 mm
3V/9J KB	880	–	3930 in
5V/15J KB	880	–	3930 in
8V/25J KB	820	–	8260 in

Further dimensions available on request

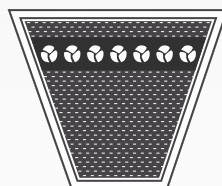
V-GROOVED PULLEYS

SPZ / SPC pulleys for finished bore or optibelt taper bush available, special pulleys on request



optibelt **RED POWER 3**

Construction in cross section

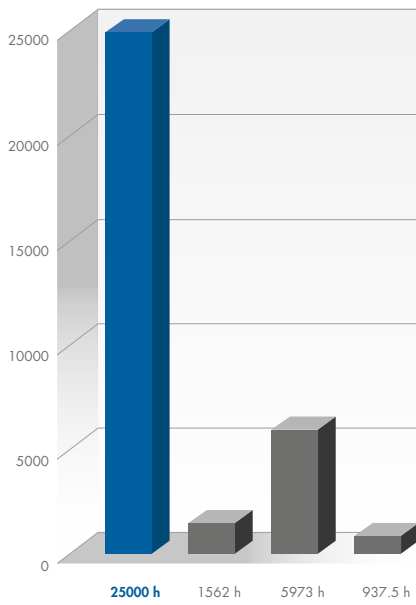


LIFETIME*

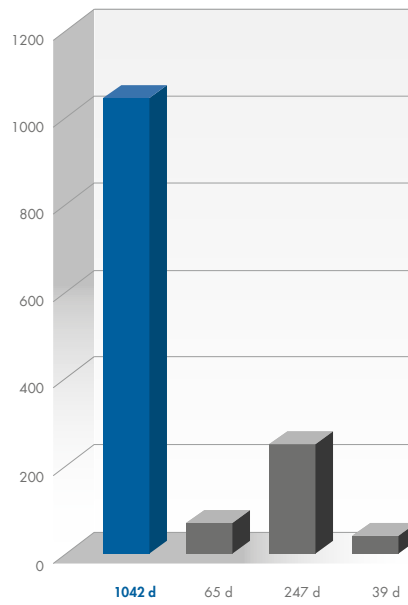
* APPROX. 250 WORKING DAYS / YEAR



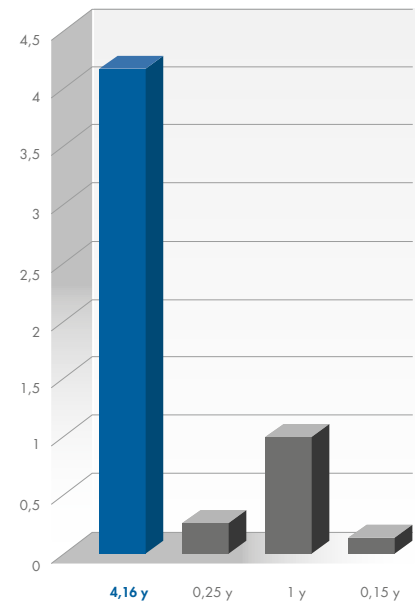
LIFETIME IN HOURS



LIFETIME IN DAYS



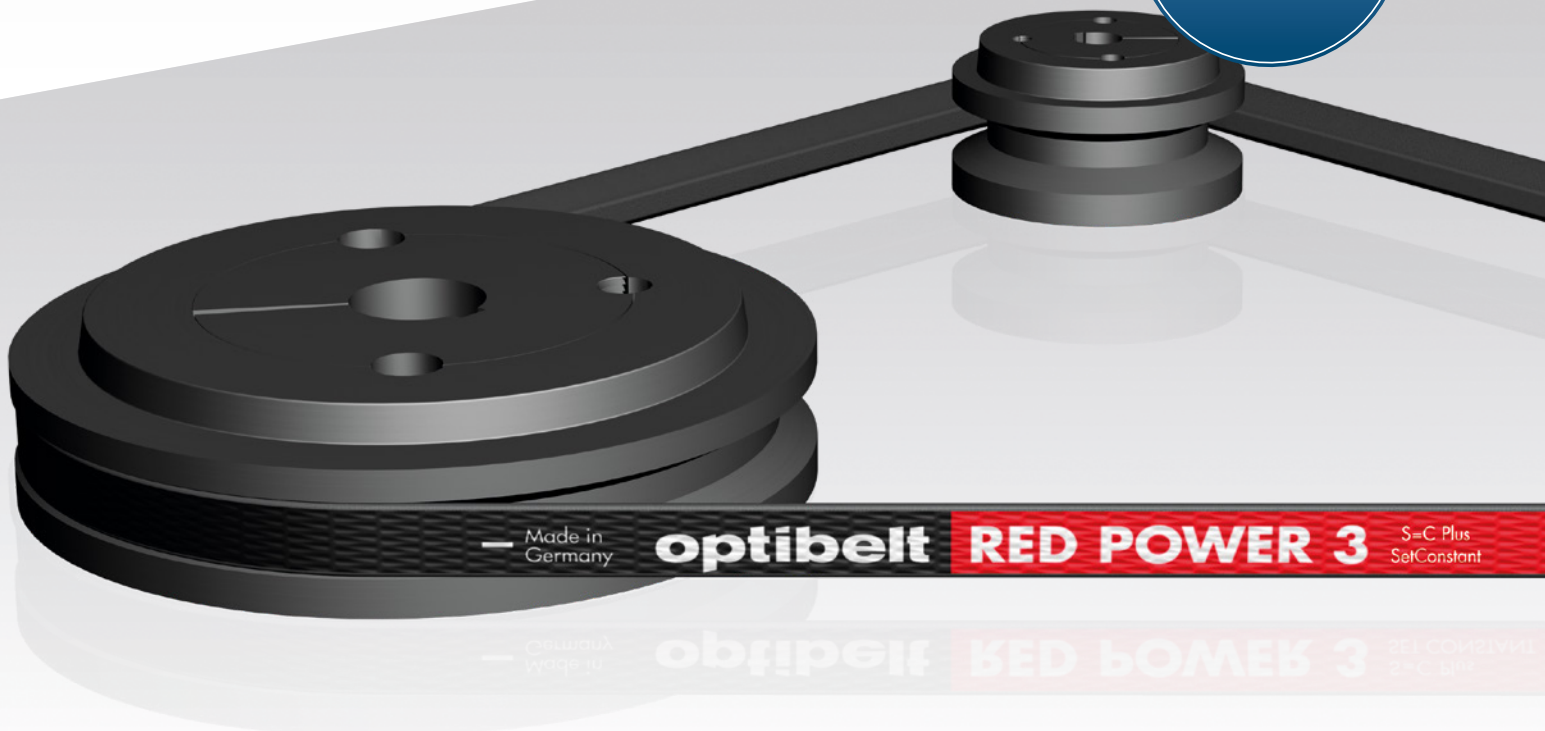
LIFETIME IN YEARS



■ optibelt RED POWER 3 ■ Standard V-belts

The calculations are based on data from our test field and may deviate from practical values.

**25000
HOURS**



MAINTENANCE FREE



optibelt RED POWER 3

Standard V-belts need **periodic re-tensioning** to keep running efficiently and reliably (see column on the right).

The **optibelt RED POWER 3** V-belts are designed to keep running **efficiently** and **reliably** throughout their **life...**

...without maintenance!

Higher Acquisition costs



S=C PLUS

V-belts, set constant without measuring

Standard V-belts

+ Production stoppage



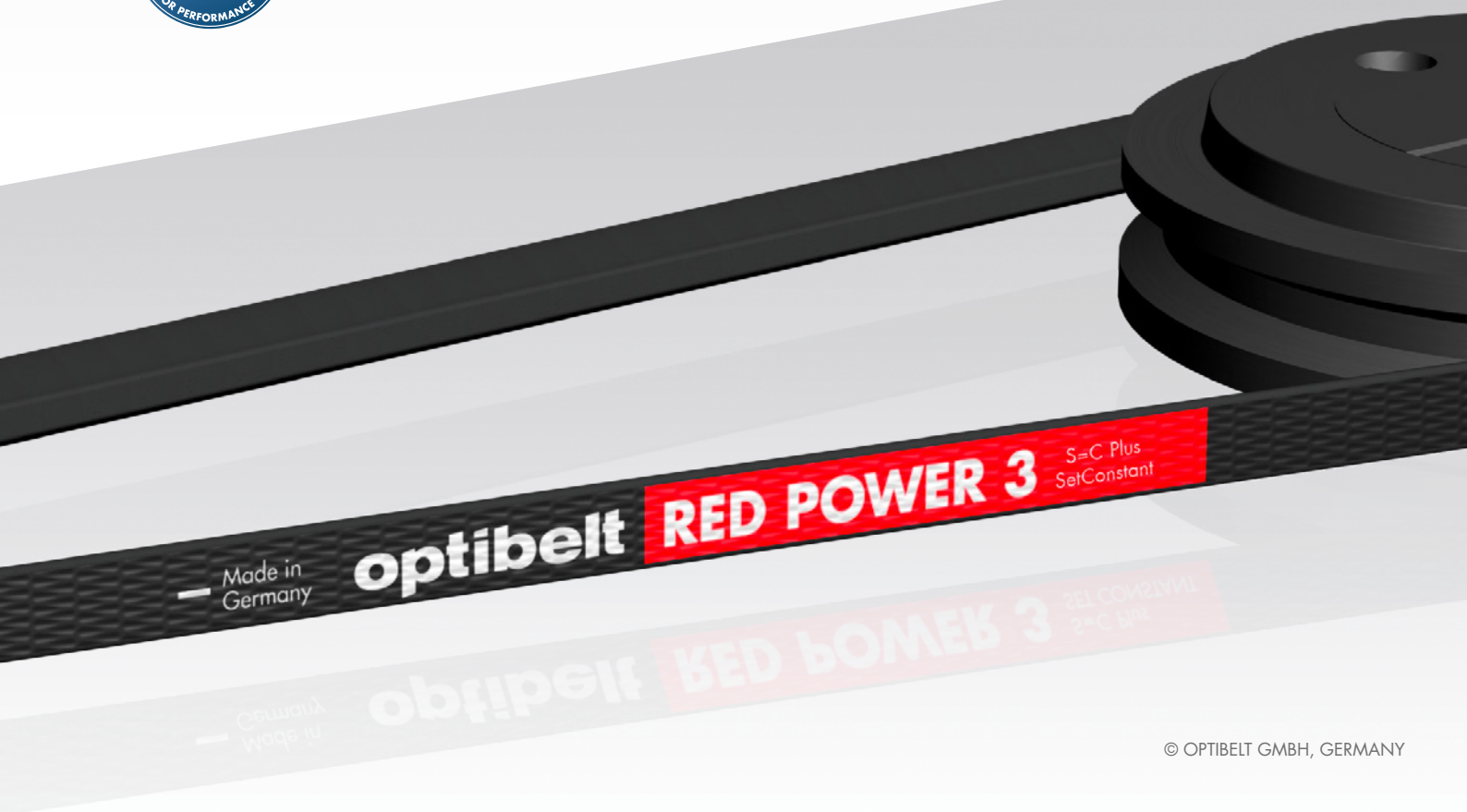
+ Machine stoppage



+ Maintenance costs



Lower Acquisition costs



COST EXAMPLE*



TYPICAL MEDIUM SIZED DRIVE:

20 kW @ 1440 rpm 2 x optibelt **RED POWER 3** belts



TOTAL COST OF BELTS

* Nominal Price Example

€56

COST OF POWER TRANSMITTED BY BELTS

25000 hrs x 20kW x assumed €0.20/kWh

€100,000

ASSUMED 3% SAVING*

€3,000

* 3% is a nominal value to illustrate the relatively tiny cost of belts compared to total usage costs. Efficiency gains will vary from drive to drive. However, in some cases, savings in excess of 5% have been independently claimed by operators.

CALCULATE YOUR SAVINGS
WITH OUR TCO CALCULATOR



www.optibelt.com/tco-calculator



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**READY TO SAVE TIME
AND MONEY?**