

PRECISION TOLERANCES

optibelt S=C PLUS



OPTIBELT
PREMIUM
PRODUCTS

Engineered
in Germany
Quality since 1872

SUPERIOR LENGTH TOLERANCES
S=C
PLUS
PRODUCT
SUPERIOR PERFORMANCE V-BELTS

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PRECISION V-BELT LENGTH TOLERANCES

OPTIBELT'S quality materials and manufacturing processes ensure the tightest v-belt length tolerances in the world. Any two wrapped v-belts are closer than industry standard "matched-sets", regardless of the manufactured date. Optibelt Set Constant (S=C PLUS) v-belts will reduce inventory & maintenance costs and improve efficiency & performance.

ARE YOUR DRIVES MISSING THE MARK?

SPC 5000 EXAMPLE



Single belts with a nominal length of 5000 mm, a maximum deviation of ± 50 mm is permitted by DIN/ISO standards. For example, length tolerances for a SPC 5000 v-belt will vary up to ± 50 mm, or 100mm in total length. This is an issue when running multiple v-belts on one drive because the variances in length will decrease drive efficiency.

OPTIBELT Set-Constant (S=C PLUS) guarantees length tolerance of ± 2 mm, or 4mm in total length regardless of the date manufactured. If your facility is running drives with multiple single v-belts and they are not an OPTIBELT... they are missing the mark!



ROTARY VULCANISATION

Most v-belt manufacturers utilise a step-cure process which vulcanises belts in sections. This process is easier but can produce overlapping cured sections that can cause performance issues or failures.

OPTIBELT's rotary vulcanisation continually rotates the belt as it is being cured. This has the following benefits:

- Smooth profile sidewalls for superior pulley contact
- Consistent cured rubber improves performance and durability



optibelt VB

Classical v-belts with high grade synthetic & natural rubber core and fabric wrapped for superior durability and performance.



optibelt SK

Wedge v-belts with up to 50% more power capacity compared to classical v-belts. High grade synthetic & natural rubber core and fabric wrapped for superior durability and performance.



optibelt RED POWER 3

Maintenance-free, High-performance fibre rubber with a high-modulus polyester cord that holds tension for more performance efficiency, and up to 50% more power capacity compared to conventional standard wedge v-belts.