Technical datasheet

LT S09 C

Article code: FBLT054046



| General information | |
|----------------------|---|
| Product group | High performance flat belts |
| Product sub type | Classic |
| Industry segment | General industry |
| Main product feature | Oil & grease resistant, Dusty environment |
| Application | Saw mills, Power transmission (crossed, cone drive) |
| Indication of use | Suitable for high start-up torques |

| Belt construction | | |
|----------------------|----------|------------------|
| Tension member | | Polyamide foil |
| Top side | material | Polyamide fabric |
| | finish | Fabric textured |
| | color | black |
| Bottom / Pulley side | material | Chrome leather |
| | finish | Ground quality |
| | color | grey |

| Characteristics | | |
|----------------------|-----|---------|
| Food Grade (FG) | no | |
| Antistatic (AS) | yes | ISO 284 |
| High conductive (HC) | no | |
| ATEX approval | no | |

| Technical data | | | | | | |
|----------------------------------|---------------|----------------------|--------|-------|----------|---------|
| Belt thickness | ISO 2286-3 | | 2.9 | mm | 0.11 | in. |
| | tolerance +/- | | 0.3 | mm | 0.01 | in. |
| Weight | ISO 290703-1 | | 2.8 | kg/m² | 0.57 | lbs/ft² |
| Force at 1% elongation | ISO 21181 | dynamic | 9 | N/mm | 51.39 | lbs/in. |
| Recommended elongation | | min. / max. | 2/3 | % | | |
| Coefficient of friction, dynamic | ISO 21182 | bottom side to steel | 0,25 | μ | | |
| | | top side to steel | 0,15 | μ | | |
| Minimum pulley diameter | flexing | | 70 | mm | 2.76 | in. |
| | back flexing | | 70 | mm | 2.76 | in. |
| Operating temperature | continuous | from / to | 0 / 80 | °C | 32 / 176 | °F |
| Belt width | standard | | 570 | mm | 22.44 | in. |

| Fabrication | |
|---------------------------|--------------------|
| Recommended splice method | WedgeSkive75D-2.8+ |

Additional Information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ.

Consult our specialists for further instructions regarding joining, storage & maintenance, tracking & tensioning.

Consult our specialists for calculations with our E-RappCalc© technical calculation program.

Our material, as well as the packaging, must be disposed of in a professional and environmentally friendly manner.

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