Technical datasheet

TG E15.30 RQ

Article code: FBTG054576



| General information | |
|----------------------|-------------------------------|
| Product group | High performance flat belts |
| Product sub type | QuickSplice |
| Industry segment | General industry |
| Main product feature | Abrasion resistant, High grip |
| Application | General conveying |
| Indication of use | Bi-directional |

Belt construction

| Tension member | | Polyester fabric |
|----------------------|----------|------------------|
| Top side | material | XNBR elastomer |
| | finish | Rough |
| | color | grey |
| Bottom / Pulley side | material | fabric |
| | finish | Fabric textured |
| | color | blue |
| | | |

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

| Technical data | | | | | | |
|----------------------------------|---------------|----------------------|-----------|-------|----------|---------|
| Belt thickness | ISO 2286-3 | | 3 | mm | 0.12 | in. |
| | tolerance +/- | | 0.1 | mm | 0 | in. |
| Weight | ISO 290703-1 | | 3.3 | kg/m² | 0.68 | lbs/ft² |
| Force at 1% elongation | ISO 21181 | dynamic | 15 | N/mm | 85.65 | lbs/in. |
| Recommended elongation | | min. / max. | 0.5 / 1.5 | % | | |
| Coefficient of friction, dynamic | ISO 21182 | bottom side to steel | 0,15 | μ | | |
| | | top side to steel | 0,6 | μ | | |
| Minimum pulley diameter | flexing | | 40 | mm | 1.57 | in. |
| | back flexing | | 40 | mm | 1.57 | in. |
| Operating temperature | continuous | from / to | 0 / 60 | °C | 32 / 140 | °F |
| Belt width | standard | | 570 | mm | 22.44 | in. |
| | | | | | | |

Fabrication

Recommended splice method

QuickSplice50

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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