Technical datasheet

TG E18.20 P5C

Article code: FBTG057239



| General information | |
|----------------------|---|
| Product group | High performance flat belts |
| Product sub type | Classic |
| Industry segment | General industry |
| Main product feature | Wear resistant, Oil & grease resistant, Heat resistant, Cut resistant |
| Application | General conveying |

| Belt construction | | |
|----------------------|----------|-----------------------------|
| Tension member | | Polyester fabric |
| Top side | material | NBR elastomer |
| | finish | P5 Fabric structure profile |
| | color | green |
| Bottom / Pulley side | material | Polyester fabric |
| | finish | Fabric textured |
| | color | transparent |

| Characteristics | | |
|----------------------|-----|--|
| Food Grade (FG) | no | |
| Antistatic (AS) | yes | |
| High conductive (HC) | no | |

| Technical data | | | | | | |
|----------------------------------|--------------|----------------------|-----------|-------|----------|---------|
| Belt thickness | ISO 2286-3 | | 1.9 | mm | 0.07 | in. |
| Weight | ISO 290703-1 | | 1.8 | kg/m² | 0.37 | lbs/ft² |
| Force at 1% elongation | ISO 21181 | dynamic | 18 | N/mm | 102.78 | lbs/in. |
| Recommended elongation | | min. / max. | 0.2 / 0.6 | % | | |
| Coefficient of friction, dynamic | ISO 21182 | bottom side to steel | 0,1 | | | |
| | | top side to steel | 0,7 | | | |
| Minimum pulley diameter | flexing | | 60 | mm | 2.36 | in. |
| | back flexing | | 60 | mm | 2.36 | in. |
| Operating temperature | continuous | from / to | 0 / 80 | °C | 32 / 176 | °F |
| Belt width | standard | | 1200 | mm | 47.24 | in. |

| Fabrication | |
|---------------------------|-----------------------|
| Recommended splice method | WedgeSkive90D-1.5-2.8 |
| Alternative splice method | WedgeSkive75D-1.5-2.8 |

Fabrication

WedgeSkive90D-1.5-2.8 WedgeSkive75D-1.5-2.8

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.

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