

GG S18.40 RRC

Article code: FBGG054749

General information

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|-----------------------------|--|
| Product group | High performance flat belts |
| Product sub type | Classic |
| Industry segment | Textile; Logistics |
| Main product feature | Shock absorbing, Abrasion resistant |
| Application | Roller drives, Yarn spinning, Twisting |
| Indication of use | High efficient rubber cover |

Belt construction

| | | |
|-----------------------------|-----------------|----------------|
| Tension member | | Polyamide foil |
| Top side | material | XNBR elastomer |
| | finish | Rough |
| | color | blue |
| Bottom / Pulley side | material | XNBR elastomer |
| | finish | Rough |
| | color | grey |

Characteristics

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

Technical data

| | | | | |
|---|--------------|----------------------|-----------------------|--------------------------|
| Belt thickness | ISO 2286-3 | | 4 mm | 0.16 in. |
| Weight | ISO 290703-1 | | 4.7 kg/m ² | 0.96 lbs/ft ² |
| Force at 1% elongation | ISO 21181 | dynamic | 18 N/mm | 102.78 lbs/in. |
| | ISO 527 | static | 54 N/mm | 308.35 lbs/in. |
| Recommended elongation | | min. / max. | 2 / 3 % | |
| Coefficient of friction, dynamic | ISO 21182 | bottom side to steel | 0,6 | |
| | | top side to steel | 0,6 | |
| Minimum pulley diameter | flexing | | 160 mm | 6.3 in. |
| | back flexing | | 160 mm | 6.3 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+ |
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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.