

GT S02 RC

Article code: FBGT054701

General information

| | |
|-----------------------------|-------------------------------------|
| Product group | High performance flat belts |
| Product sub type | Classic |
| Industry segment | General industry |
| Main product feature | Abrasion resistant, Shock absorbing |
| Application | Power transmission |
| Indication of use | High efficient rubber cover |

Belt construction

| | | |
|-----------------------------|-----------------|------------------|
| Tension member | | Polyamide foil |
| Top side | material | Polyamide fabric |
| | finish | Fabric textured |
| | 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 | | 1 mm | 0.04 in. |
| Weight | ISO 290703-1 | | 1 kg/m ² | 0.2 lbs/ft ² |
| Force at 1% elongation | ISO 21181 | dynamic | 2 N/mm | 11.42 lbs/in. |
| Recommended elongation | | min. / max. | 2 / 3 % | |
| Coefficient of friction, dynamic | ISO 21182 | bottom side to steel | 0,6 | |
| | | top side to steel | 0,15 | |
| Minimum pulley diameter | flexing | | 10 mm | 0.39 in. |
| | back flexing | | 10 mm | 0.39 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-0.5-1.4 |
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Fabrication

WedgeSkive75D-0.5-1.4

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.