

GG S18.40 RRC

Article code: FBGG054749



General information

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
Anti-static (AS)	yes
High conductive (HC)	no

Technical data

Belt thickness	according to ISO 2286-3		4 mm	0.16 in.
	tolerance	±	0.2 mm	0.01 in.
Weight	according to ISO 290703-1		4.7 kg/m ²	0.96 lbs/ft ²
Force at 1% elongation	according to ISO 21181	dynamic	18 N/mm	102.78 lbs/in.
	according to ISO 527	static	54 N/mm	308.35 lbs/in.
Recommended elongation		min./max.	2 / 3 %	
Coefficient of friction, dynamic	according to 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) and 65% relative humidity, 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.