Technical datasheet

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	
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/m²	0.96	lbs/ft²
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.

Fabricati	ion
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Recommended splice method WedgeSkive75D-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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