Technical datasheet

GT S02 RC



Article code: FBGT054701

General information								
Product group	High performance flat belts							
Product sub type	Classic	Classic						
Industry segment	General indust	General industry						
Main product feature	Abrasion resist	Abrasion resistant, Shock absorbing						
Application	Power transmis	Power transmission						
Indication of use	High efficient r	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.				

Belt thickness	ISO 2286-3		1	mm	0.04	in.
Weight	ISO 290703-1		1	kg/m²	0.2	lbs/ft²
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

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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