Technical datasheet

GT S06 RC

Article code: FBGT054703



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		1.4	mm	0.06	in.
Weight	ISO 290703-1		1.5	kg/m²	0.31	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	6	N/mm	34.26	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		40	mm	1.57	in.
	back flexing		40	mm	1.57	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.

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