Technical datasheet

GG S09.22 RFC

Article code: FBGG054733



570 mm

General information						
Product group	High performance flat belts					
Product sub type	Classic					
Industry segment	Textile; Logistics					
Main product feature	Shock absorbing					
Application	Power transmission					
Indication of use	High efficient rubber cover					
Belt construction						
Tension member		Polyamide foil				
Top side	material	XNBR elastomer				
	finish	Fine				
	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			mm	0.09	
Weight	ISO 290703-1		2.5	kg/m²		lbs/ft ²
Force at 1% elongation	ISO 21181	dynamic		N/mm		lbs/in.
	ISO 527	static	30	N/mm	171.3	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		60	mm	2.36	in.
	back flexing		60	mm	2.36	in.
Operating temperature	continuous	from / to	0 / 80	°C	32 / 176	°F
B 11 1 11						

Fabrication

Belt width

Recommended splice method

WedgeSkive75D-1.5-2.8

standard

Fabrication

WedgeSkive75D-1.5-2.8

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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22.44 in.