Technical datasheet

GG S11 LRC



Article code: FBGG054289	
General information	
Product group	High performance flat belts
Product sub type	Classic
Industry segment	General industry
Main product feature	Shock absorbing
Application	Power transmission
Indication of use	Suitable for high start-up torques

Belt construction

Tension member		Polyamide foil
Top side	material	NBR elastomer
	finish	Rough
	color	green
Bottom / Pulley side	material	NBR elastomer
	finish	Longitudinal grooves
	color	black

Characteristics		
Food Grade (FG)	no	
Antistatic (AS)	yes	
High conductive (HC)	no	

Technical data						
Belt thickness	ISO 2286-3		3.25	mm	0.13	in.
Weight	ISO 290703-1		3.6	kg/m²	0.74	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	11	N/mm	62.81	lbs/in.
Recommended elongation		min. / max.	2/3	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6			
		top side to steel	0,55			
Minimum pulley diameter	flexing		80	mm	3.15	in.
	back flexing		80	mm	3.15	in.
Operating temperature	continuous	from / to	0 / 80	°C	32 / 176	°F
Belt width	standard		570	mm	22.44	in.
Fabrication						
Becommanded colice method	Wedge Claime 7ED 2.81					

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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