Technical datasheet

GG S02.11 FFC

Article code: FBGG054735



General information	
Product group	High performance flat belts
Product sub type	Classic
Industry segment	Textile; Logistics
Application	Card sliver belt, Roller drives
Indication of use	High efficient rubber cover

Belt construction

Tension member		Polyamide foil
Top side	material	NBR elastomer
	finish	Fine
	color	grey
Bottom / Pulley side	material	NBR elastomer
	finish	Fine
	color	grey

Characteristics		
Food Grade (FG)	no	
Antistatic (AS)	yes	ISO 284
High conductive (HC)	no	
ATEX approval	no	

Belt thicknessDIN EN ISO 2286-31.1mm0.04in.tolerance±0.1mm0in.WeightISO 290703-11.2kg/m²0.25lbs/ftForce at 1% elongationDIN EN ISO 21181dynamic2N/mm11.42lbs/inRecommended elongationIN EN ISO 21182bottom side to steel0,7μ1.42lbs/in	
WeightISO 290703-11.2kg/m²0.25lbs/ftForce at 1% elongationDIN EN ISO 21181dynamic2N/mm11.42lbs/inRecommended elongationmin. / max.2 / 3%666Coefficient of friction, dynamicDIN EN ISO 21182bottom side to steel0,7µ66	
Force at 1% elongationDIN EN ISO 21181dynamic2N/mm11.42lbs/inRecommended elongationmin. / max.2 / 3%666Coefficient of friction, dynamicDIN EN ISO 21182bottom side to steel0,7μ66	
Recommended elongation min. / max. 2 / 3 % Coefficient of friction, dynamic DIN EN ISO 21182 bottom side to steel 0,7 μ	2
Coefficient of friction, dynamic DIN EN ISO 21182 bottom side to steel 0,7 μ	ı.
top side to steel 0.7	
top side to steel 0,7 μ	
Minimum pulley diameterflexing10 mm0.39 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

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.

Our material, as well as the packaging, must be disposed of in a professional and environmentally friendly manner.

This item contain the following substance included on the candidate list according to article 59 (1, 10) of Regulation (EC) No 1907/2006 "REACH" in a concentration above 0.1 % weight by weight: 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol [119-47-1]

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