

GG S09.22 RFC

Article code: FBGG054733

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		2.2 mm	0.09 in.
Weight	ISO 290703-1		2.5 kg/m ²	0.51 lbs/ft ²
Force at 1% elongation	ISO 21181	dynamic	9 N/mm	51.39 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
Belt width	standard		570 mm	22.44 in.

Fabrication

Recommended splice method	WedgeSkive75D-1.5-2.8
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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.