Technical datasheet

S09 C

Article code: FBSF054504



General information	
Product group	High performance flat belts
Product sub type	Classic
Industry segment	General industry

Belt construction		
Tension member		Polyamide foil
Top side	material	Polyamide foil
	finish	smooth
	color	transparent
Bottom / Pulley side	material	Polyamide foil
	finish	smooth
	color	transparent

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

Technical data						
Belt thickness	ISO 2286-3		0.92	mm	0.04	in.
Weight	ISO 290703-1		1	kg/m²	0.2	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	9	N/mm	51.39	lbs/in.
Recommended elongation		from / to	2/3	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,1	μ		
		top side to steel	0,1	μ		
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		630	mm	24.8	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.

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.

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