Technical datasheet

LL S09 C

Article code: FBLL054039



General information						
Product group	High performance flat be	lts				
Product sub type	Classic					
Industry segment	General industry					
Main product feature	Oil & grease resistant, Dusty environment					
Application	Saw mills, Power transmission (crossed, cone drive)					
Indication of use	Suitable for high start-up torques					
Belt construction						
Tension member		Delvomide fail				
	material	Polyamide foil				
Top side	material	Chrome leather				
	finish	Ground quality				
Bettern / Bullow side	color	grey				
Bottom / Pulley side	material	Chrome leather				
	finish	Ground quality				
	color	grey				
Characteristics						
Food Grade (FG)	no					
Antistatic (AS)	yes					
High conductive (HC)	no					
Technical data						
Belt thickness	ISO 2286-3		3.8	mm	0.15	in.
Weight	ISO 290703-1		4	kg/m²	0.82	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	9	N/mm	51.39	lbs/in.
Recommended elongation		min. / max.	2/3	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,25			
		top side to steel	0,25			
Minimum pulley diameter	flexing		90	mm	3.54	in.
	back flexing		90	mm	3.54	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-2.8+					

Fabrication

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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