Technical datasheet

LT S18 C

Article code: FBLT054049



General information		
Product group	High performance flat belts	
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		Polyamide foil
Top side	material	Polyamide fabric
	finish	Fabric textured
	color	black
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		3.75	mm	0.15	in.
Weight	ISO 290703-1		4.4	kg/m²	0.9	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	18	N/mm	102.78	lbs/in.
Recommended elongation		min. / max.	2/3	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,25			
		top side to steel	0,15			
Minimum pulley diameter	flexing		200	mm	7.87	in.
	back flexing		200	mm	7.87	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+
Alternative splice method	WedgeSkive90D-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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