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	ISO 284	
High conductive (HC)	no		
ATEX approval	no		

Technical data						
Belt thickness	ISO 2286-3		3.75	mm	0.15	in.
	tolerance +/-		0.3	mm	0.01	in.
Weight	ISO 290703-1		4.4	kg/m²	0.9	lbs/ft ²
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	μ		
		top side to steel	0,15	μ		
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.
	Standard		570		22.11	

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.

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

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