

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/m ²	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.

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.