Technical datasheet

LT S15 C

Article code: FBLT054048

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		3.6	mm	0.14	in.
	tolerance +/-		0.3	mm	0.01	in.
Weight	ISO 290703-1		3.7	kg/m²	0.76	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	15	N/mm	85.65	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		150	mm	5.91	in.
	back flexing		150	mm	5.91	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+

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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