Technical datasheet

LT S09 C

Article code: FBLT054046



General information		
Product group	High performance flat belts	
Product sub type	Classic	
Industry segment	General industry	
Main product feature	n product feature Oil & grease resistant, Dusty environment	
Application	lication 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		2.9	mm	0.11	in.
	tolerance +/-		0.3	mm	0.01	in.
Weight	ISO 290703-1		2.8	kg/m²	0.57	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	μ		
		top side to steel	0,15	μ		
Minimum pulley diameter	flexing		70	mm	2.76	in.
	back flexing		70	mm	2.76	in.
Operating temperature	continuous	from / to	0 / 80	°C	32 / 176	°F
Belt width	standard		570	mm	22.44	in.

radrication	ation					
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.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.