Technical datasheet

LT S36 C



Article code: FBLT054051

General information								
Product group	High performance	High performance flat belts						
Product sub type	Classic	Classic						
Industry segment	General industry	General industry						
Main product feature	Oil & grease resi	Oil & grease resistant, Dusty environment						
Application	Saw mills, Powe	Saw mills, Power transmission (crossed, cone drive)						
Indication of use	Suitable for high	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		5.9 mm	0.23 in.				

Belt thickness	ISO 2286-3		5.9	mm	0.23	in.
Weight	ISO 290703-1		6.6	kg/m²	1.35	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	36	N/mm	205.57	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		400	mm	15.75	in.
	back flexing		400	mm	15.75	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.

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.