Technical datasheet

GG S33 LRC

Article code: FBGG054298



General information	
Product group	High performance flat belts
Product sub type	Classic
Industry segment	General industry
Main product feature	Shock absorbing
Application	Power transmission
Indication of use	Suitable for high start-up torques

Belt construction		
Tension member		Polyamide foil
Top side	material	NBR elastomer
	finish	Rough
	color	green
Bottom / Pulley side	material	NBR elastomer
	finish	Longitudinal grooves
	color	black

Characteristics		
Food Grade (FG)	no	
Antistatic (AS)	yes	
High conductive (HC)	no	

Technical data						
Belt thickness	ISO 2286-3		5.7	mm	0.22	in.
Weight	ISO 290703-1		6.2	kg/m²	1.27	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	33	N/mm	188.43	lbs/in.
Recommended elongation		min. / max.	2/3	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6			
		top side to steel	0,55			
Minimum pulley diameter	flexing		310	mm	12.2	in.
	back flexing		310	mm	12.2	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+

Fabrication

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.