

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	ISO 284
High conductive (HC)	no	
ATEX approval	yes	ATEX III

Technical data

Belt thickness	DIN EN ISO 2286-3		5.7 mm	0.22 in.
	tolerance	±	0.3 mm	0.01 in.
Weight	ISO 290703-1		6.2 kg/m ²	1.27 lbs/ft ²
Force at 1% elongation	DIN EN ISO 21181	dynamic	33 N/mm	188.43 lbs/in.
Recommended elongation		min. / max.	2 / 3 %	
Coefficient of friction, dynamic	DIN EN ISO 21182	bottom side to steel	0,6 μ	
		top side to steel	0,55 μ	
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

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.

This item contains the following substance included on the candidate list according to article 59 (1, 10) of Regulation (EC) No 1907/2006 „REACH“ in a concentration above 0.1 % weight by weight: 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol [119-47-1]