

GG S33 LRC

ArticleNo. 54298

FBGG054298

General information

Product group	High Performance Flat Belts
Product sub type	Classic
Industry segment(s)	General Industry
Application(s)	Power transmission
Main product feature(s)	Shock absorbing
Indication(s) of use	Suitable for high start-up torques

Belt construction

Top side	material	NBR elastomer
	finish	Rough
	color	Green
Tension member		Polyamide foil
Bottom side / Pulley side	material	NBR elastomer
	finish	Longitudinal grooves
	color	Black

Characteristics

Food Grade	NO
Antistatic (AS)	YES
High conductive (HC)	NO
ATEX	YES

Technical belt data

Belt thickness	DIN EN ISO 2286-3	5.7 mm
Belt thickness tolerance	+/-	0.3 mm
Weight	DIN EN ISO 290703-1	6.2 kg/m ²
Force at 1 % elongation static	DIN EN ISO 21181	- N/mm
Force at 1 % elongation dynamic	DIN EN ISO 21181	33.0 N/mm
Recommended elongation	from/to	2.0 / 3.0 %
Coefficient of friction, bottom (pulley) side to steel, dynamic	DIN EN ISO 21182	0.6 μ
Coefficient of friction, top side to steel, dynamic	DIN EN ISO 21182	0.6 μ
Min. pulley diameter	flexing	310 mm
	back flexing	310 mm
Temperature range	from/to	+0 / +80 °C
Standard sales width		290/570 mm

Endless method

Recommended splice method	WedgeSkive75D-2.8+
Alternative splice method	-

Additional information

The information applies at approx. 20°C/68°F and 65% relative humidity.

Consult our specialists for further instructions regarding joining, storage & maintenance, tracking & tensioning.

Consult our specialists for calculations with our E-RappCalc technical calculation program.

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