RAPPLON® GG S33 LRC

Ammeraal Beltech
Innovation & Service in Belting

Article code   54298

General information

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Product group	RAPPLON® High Performance Flat Belts
Market segment	General handling
Typical application	Power transmission
Main features	Shock absorbing
Special characteristics	Suitable for high start-up torques

Belt construction

Friction surface	NBR elastomer	Longitudinal grooves	Black
Tension member	Polyamide foil		
Back surface	NBR elastomer	Coarse	Green

Characteristics

Antistatic (AS)	yes in compliance with DIN EN ISO 21179
High conductive (HC)	no
ATEX approval	yes

Technical belt data

Belt thickness	DIN EN ISO 2286-3			5.70	mm +/- 0.30 mm	
Weight	DIN EN 29073-1			6.20	kg/m2	
Force / Belt factor at 1 % elongation static DIN EN ISO 527				-	N/mm	
Force / Belt factor at 1 % elongation dynamic after running in 24 hours DIN EN ISO 21181				33	N/mm	
Recommended elongation (min. - max.)		2.0	-	3.0	%	
Coefficient of friction (static, steel) DIN EN ISO 21182	Friction surface			0.65	µ	
	Back surface			0.6	µ	
Min. pulley diameter	Flexing			310	mm	
Temperature range				+0/ +80	°C	

Endless method

Main splice method	Wedge skived 75°
Alternative splice method	0

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 from our RappCalc technical calculation program.
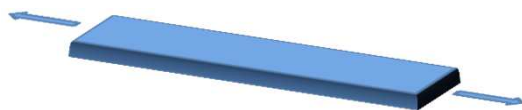
Tensile force for specific elongation per unit of width (N/mm)