Technical datasheet

GG E08.20 RRQ

Article code: FBGG054614



General information	
Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	Logistics; Textile
Main product feature	Abrasion resistant, High grip
Application	Roller drives, Yarn spinning, Twisting
Indication of use	Bi-directional

Belt construction		
Tension member		Polyester fabric
Top side	material	XNBR elastomer
	finish	Rough
	color	blue
Bottom / Pulley side	material	XNBR elastomer
	finish	Rough
	color	black

Characteristics		
Food Grade (FG)	no	
Antistatic (AS)	yes	ISO 284
High conductive (HC)	yes	ISO 284 (Black surface bottom)
	no	

Technical data						
Belt thickness	ISO 2286-3		2	mm	0.08	in.
	tolerance	±	0.1	mm	0	in.
Weight	ISO 290703-1		2.2	kg/m²	0.45	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	8	N/mm	45.68	lbs/in.
	ISO 527	static	13	N/mm	74.23	lbs/in.
Recommended elongation *		from / to	0.5 / 2	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6	μ		
		top side to steel	0,6	μ		
Minimum pulley diameter	flexing		25	mm	0.98	in.
	back flexing		25	mm	0.98	in.
Operating temperature		from / to	0 / 60	°C	32 / 140	°F
Belt width	standard		570	mm	22.44	in.

Fabrication	
Recommended splice method	QuickSplice110
Alternative splice method	QuickSplice50

Fabrication			
QuickSplice110			
OuickSplice50			

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.

* NOTE: 50 mm fingers only possible, if not used in tangential and rollerdrive application.

Our material, as well as the packaging, must be disposed of in a professional and environmentally friendly manner.

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.

RAPPLON® © Ammeraal Beltech HPFB005 English A4 Modified: Friday, June 30, 2023, Printed: Monday, July 3, 2023