Technical datasheet

GG E08.23 RRQ

Article code: FBGG054620



General Information	
Product group	High performance flat belts
Product sub type	QuickSplice
Industry segment	Postal automation; Logistics
Main product feature	Abrasion resistant, High grip
Application	Mail handling
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)	no	
	no	

Technical data						
Belt thickness	ISO 2286-3		2.3	mm	0.09	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	19	N/mm	108.49	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

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.

 $\label{eq:consult} Consult our \ specialists \ for \ calculations \ with \ our \ E-RappCalc \ensuremath{\mathbb{C}}$ 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.

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