Technical datasheet

UU E18.20 RRQ

Article code: FBUU054763



General information								
Product group	High performance fla	High performance flat belts						
Product sub type	QuickSplice	QuickSplice						
Industry segment	Logistics	Logistics						
Main product feature	Low friction surface	Low friction surface						
Application	Roller drives							
Indication of use	Bi-directional	Bi-directional						
Belt construction								
Tension member		Polyester fabric						
Top side	material	Polyurethane						
	finish	Rough						
	color	black						
Bottom / Pulley side	material	Polyurethane						
	finish	Rough						
	color	black						
Characteristics								
Food Grade (FG)	no							
Antistatic (AS)	yes							
High conductive (HC)	no							
Technical data								
Belt thickness	ISO 2286-3		2 mm	0.08 in.				
Weight	ISO 290703-1		2.2 kg/m ²	0.45 lbs/ft ²				
Force at 1% elongation	ISO 21181	dynamic	18 N/mm	102.78 lbs/in.				
Recommended elongation		min. / max.	0.5 / 1.5 %					
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0.2					

Recommended elongation		min. / max.	0.5 / 1.5	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,2			
		top side to steel	0,2			
Minimum pulley diameter	flexing		25	mm	0.98	in.
	back flexing		25	mm	0.98	in.
Operating temperature	continuous	from / to	0 / 60	°C	32 / 140	°F
Belt width	standard		1200	mm	47.24	in.

Fabrication

Recommended splice method

Quicksplice110

Fabrication

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

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.