Technical datasheet

UU E18.30 RRQ

Article code: FBUU054764



General information						
Product group	High performance f	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					
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	ISO 284				
High conductive (HC)	no					
	no					
Technical data						
Belt thickness	ISO 2286-3		3 mm	0.12 in.		
	tolerance	±	0.3 mm	0.01 in.		
Weight	ISO 290703-1		3.1 kg/m ²	0.63 lbs/ft ²		
Force at 1% elongation	ISO 21181	dynamic	18 N/mm	102.78 lbs/in.		

	SO 21181	dynamic	18	N/mm	102.78	lbs/in.
Recommended elongation		from / to	0.5 / 1.5	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,2	μ		
		top side to steel	0,2	μ		
Minimum pulley diameter fl	lexing		30	mm	1.18	in.
b	back flexing		30	mm	1.18	in.
Operating temperature		from / to	0 / 60	°C	32 / 140	°F
Belt width st	standard		600	mm	23.62	in.

Fabrication

Recommended splice method	Quicksplice110
Alternative splice method *	QuickSplice50

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.

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