Technical datasheet

Flexam EX 10/2 0+05 black M2 AS FR

Article code: SBFL574601



General information						
Product group S	Synthetic Belts					
Industry segment A	Airports; Logistics: Distribution & warehousing					
Main product feature A	Antistatic, Flame retardant, Low noise, Energy saving					
Indication of use S	Slider bed, Rollers, Flat					
Belt construction						
Tension layer	polyester, stable					
Number of plies	2					
Top side n	material	Flexam, PVC smooth, M2 Matt finish				
f	inish					
c	color	black				
Bottom side n	naterial	fabric, polyester				
f	ïnish	bare fabric	bare fabric			
c	color	natural				
Characteristics						
()	no					
	yes ISO 21178					
	10					
lame-retardant yes		ISO 340				
	/es	ASTM D-378	ASTM D-378			
ATEX approval y	/es	ATEX II - KEMA 05ATEX2164 U				
Technical data						
Hardness ISO	969 +	op side	804	Shore		
	21181	op side		N/mm	57 1	lbs/in.
	21181			N/mm		lbs/in.
		a ha l	0.5	N/ 11111	57.12	103/111.
			2 50	mm	0.1	in
Weight AB n		otal	2.50		0.1	
	t	op cover	0.50	mm	0.02	in.
Dotte	t nethod KV.004	op cover	0.50 2.9		0.02	
top	t nethod KV.004 om against steel c	top cover dynamic	0.50 2.9 0.15	mm	0.02	in.
	t nethod KV.004 om against steel c s	op cover dynamic static	0.50 2.9 0.15 0.17	mm	0.02	in.
	t nethod KV.004 om against steel c s against steel c	top cover dynamic static dynamic	0.50 2.9 0.15 0.17 0.4	mm	0.02	in.
	nethod KV.004 cm against steel c against steel c s against steel c	top cover dynamic static dynamic static	0.50 2.9 0.15 0.17 0.4 0.5	mm kg/m²	0.02 0.59	in. Ibs/ft²
Operating temperature cont	t nethod KV.004 om against steel c against steel c s inuous f	dynamic dynamic static dynamic static from / to	0.50 2.9 0.15 0.17 0.4 0.5 -15 / 80	mm kg/m² °C	0.02 0.59 5 / 176	in. Ibs/ft² °F
Operating temperature continues of the short sho	t nethod KV.004 om against steel constant steel con	top cover dynamic static dynamic static	0.50 2.9 0.15 0.17 0.4 0.5 -15 / 80 -15 / 100	mm kg/m² °C °C	0.02 0.59 5 / 176 5 / 212	in. Ibs/ft² °F °F
Operating temperature contrast short Minimum pulley diameter flexing	t nethod KV.004 cm against steel c against steel c s inuous f t f ng	dynamic dynamic static dynamic static from / to	0.50 2.9 0.15 0.17 0.4 0.5 -15 / 80 -15 / 100 60	mm kg/m² °C °C mm	0.02 0.59 5 / 176 5 / 212 2.36	in. Ibs/ft² °F °F in.
Operating temperature continue short short flexing back	t nethod KV.004 om against steel constant steel con	dynamic dynamic static dynamic static from / to	0.50 2.9 0.15 0.17 0.4 0.5 -15 / 80 -15 / 100 60	mm kg/m² °C °C mm mm	0.02 0.59 5 / 176 5 / 212	in. Ibs/ft² °F °F in. in.

Fabrication

Hot splicing is always preferable. Glueing can only be done when the belt is exposed to normal temperature and the humidity is not excessive. For the working method, consult the splice information and the equipment literature. Apply the recommended splice as indicated in the seperate information.

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.

We recommend to keep the belt tension to a practical working minimum to maximize the service life of the belt and machine parts.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt. Store belts in a cool and dry place and if possible in their original packaging.

For details consult 'Storage and handling instructions' or contact our specialist.

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