Technical datasheet

General information

Flexam SW125 00+04 black M2

Article code: SBAS589549



Hain product feature Impact resistant, Low friction back side, Flame retardant Fat, Silder bed, Rollers Self construction International per self co	Product group	Synthetic Belts	Synthetic Belts				
Rei, Silder bed, Rollers Bit Silder bed, Rollers Bit Colspan="2" Colspan="2" Bit Colspan="2" Colspan="2" Colspan="2" Colspan="2" Colspan="2" Colspan="2" Colspan="2" Colspan="2" Colspan="2" Colspan= 2" Colspan="2" Colspan= 2" Colspan= 2" Colspan= 2" Colspan= 2" <th <="" colspan="2" th=""><th>Industry segment</th><th colspan="4">Logistics: Distribution & warehousing</th></th>	<th>Industry segment</th> <th colspan="4">Logistics: Distribution & warehousing</th>		Industry segment	Logistics: Distribution & warehousing			
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Tensile strengthKV.006210N/mm1199.13Ibs/in.Rated working tension at 2%AB method KV.002totalAllMmm119.91Ibs/in.ThicknessAB method KV.002totalOtal4.10mmO.16in.WeightAB method KV.004totalOverO.40mmO.02in.Coefficient of frictionbottom against steeldynamicO.25Image: StaticStaticO.25Image: StaticImage:	Force at 1% elongation (static)	ISO 21181		21 N/mm	119.91 lbs/in.		
Rated working tension at 2%AB method KV.002total21N/mm119.91Ibs/in.ThicknessAB method KV.002total4.10mm0.16in.top cover0.40mm0.02in.WeightAB method KV.0044.3kg/m²0.88lbs/ft²Coefficient of frictionbottom against steeldynamic0.2top against steeldynamic0.4 </th <th>Elastic modulus (k1% relaxed)</th> <th>ISO 21181</th> <th></th> <th>9 N/mm</th> <th>51.39 lbs/in.</th>	Elastic modulus (k1% relaxed)	ISO 21181		9 N/mm	51.39 lbs/in.		
Thickness AB method KV.002 total 4.10 mm 0.16 in. top cover 0.40 mm 0.02 in. Weight AB method KV.004 - 4.3 kg/m² 0.88 lbs/ft² Coefficient of friction bottom against steel dynamic 0.2 - - top against steel dynamic 0.4 - - -	Tensile strength	KV.006		210 N/mm	1199.13 lbs/in.		
top cover 0.40 mm 0.02 in. Weight AB method KV.004 4.3 kg/m² 0.88 lbs/ft² Coefficient of friction bottom against steel dynamic 0.2 static 0.25 top against steel dynamic 0.4	Rated working tension at 2%			21 N/mm	119.91 lbs/in.		
Weight AB method KV.004 AD method	Thickness	AB method KV.002	total	4.10 mm	0.16 in.		
Coefficient of friction bottom against steel dynamic 0.2 static 0.25 top against steel dynamic 0.4			top cover	0.40 mm	0.02 in.		
static0.25top against steeldynamic0.4	Weight	AB method KV.004		4.3 kg/m ²	0.88 lbs/ft ²		
top against steel dynamic 0.4	Coefficient of friction	bottom against steel	dynamic	0.2			
			static	0.25			
static 0.5		top against steel	dynamic	0.4			
			static	0.5			
Operating temperature continuous from / to -15 / 82 °C 5 / 179.6 °F	Operating temperature	continuous	from / to	-15 / 82 °C	5/179.6 °F		

Minimum pulley diameter

Manufacturing width

from / to

-18 / 82 °C

80 mm

100 mm

2400 mm

2400 mm

-0.4 / 179.6 °F

3.15 in.

3.94 in.

94.49 in.

94.49 in.

short

flexing

backflexing

standard

maximum

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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