Technical datasheet

PHB X 265/3 BBxBB black FR

Article code: RBPH000013

General information

Productgroup	Rubber Belts
Industry segment	Logistics: Distribution & warehousing
Main product feature	Flame retardant, Low noise
Application	Belt sorter
Indication of use	Slider bed, Rollers

Belt construction

Tension layer		polyester/polyamide
Lateral stability		yes, exeptionally laterally stiff
Number of plies		3
Top side	**material**	impregnated fabric
	color	black
Bottom side	**material**	impregnated fabric
	color	black

Characteristics

Antistatic (AS)	no	
Flame-retardant (FR)	yes	ASTM D-378

Technical data

Elastic modulus (k1% relaxed)	ISO 21181			20	N/mm	114.2	lbs/in.
Rated working tension				46	N/mm	262.67	lbs/in.
Elongation at rated tension				2	%		
Longitudinal tear				1779	N	399.94	Lb
Finished belt gauge				4.6	mm	0.18	in.
Belt weight				5.9	kg/m²	1.21	lbs/ft²
Coefficient of friction	bottom against steel	dynamic		0.23			
		static		0.3			
	top against steel	dynamic		0.2			
		static		0.25			
Operating temperature	continuous	from / to		-20 / 80	°C	-4 / 176	°F
	short	from / to		-20 / 90	°C	-4 / 194	°F
Minimum pulley diameter	flexing			152.4	mm	6	in.
Manufacturing width	maximum			1829	mm	72.01	in.

Fabrication

Corrugated side walls	no
Profiles on top side	yes
Profiles on bottom side	yes
Mechanical fasteners	Clipper # 3 HT

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 pretension the belt to a level that it does not slip at full belt load.

During the life time of the belt, the pretension should not go below this level.

To maximize the service life of the belt we recommend not to increase the belt tension above this level.