Technical datasheet

## PHB F 160/2 LIxBB black FR



Article code: RBPH000010

General information			
Productgroup	Rubber Belts	Rubber Belts	
Industry segment	Logistics: Distribu	Logistics: Distribution & warehousing	
Main product feature	Flame retardant,	Flame retardant, High friction	
Application	Curved conveying	Curved conveying	
Indication of use	Slider bed, Rollers	Slider bed, Rollers, Troughed	
Belt construction			
Tension layer		polyester/polyamide	
Lateral stability		no, conditionally laterally stiff	
Number of plies		2	
Top side	material	SBR	
	profile	light impression	
	color	black	
Bottom side	material	impregnated fabric	
	color	red	
Characteristics			
Autistatis (AC)			

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

Technical data						
Hardness	ISO 869	top side	58	Shore		
Elastic modulus (k1% relaxed)	ISO 21181		8	N/mm	45.68	lbs/in.
Rated working tension			28	N/mm	159.88	lbs/in.
Elongation at rated tension			2	%		
Longitudinal tear			667	Ν	149.95	Lb
Finished belt gauge			3.8	mm	0.15	in.
Belt weight			4.6	kg/m²	0.94	lbs/ft²
Coefficient of friction	bottom against steel	dynamic	0.2			
		static	0.25			
	top against steel	dynamic	> 1.0			
		static	> 1.0			
Operating temperature	continuous	from / to	-20 / 80	°C	-4 / 176	°F
	short	from / to	-20 / 90	°C	-4 / 194	°F
Minimum pulley diameter	flexing		89	mm	3.5	in.
Manufacturing width	maximum		1829	mm	72.01	in.

Fabrication	
Corrugated side walls	no
Profiles on top side	no
Profiles on bottom side	yes
Mechanical fasteners	Clipper # 2 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.

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