

Product Data Sheet

QB120 LRxF-NA black FR



Art. No.: 908133

M 1:2

Applications

Airport logistics	Tray conveyor
General material handling	Inclined conveying of unit goods / containers; Troughed conveyor belt
Logistics	Acceleration conveyor; Braking conveyor

Order information

Article number	908133
Suitable for corrugated side walls	No
Belt style	QB = Silent Partner
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

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Construction

Top face material	Polyvinyl chloride, low durometer
Surface pattern	Longitudinal rib
Coating thickness	1.52 mm / 0.06 in
Color	Black
Driving face material	NOVO polyester felt
Surface pattern	Velveteen
Color	Black
Tension member material	2-ply interwoven fabric of polyester spun warp and weft
Weave pattern	1

Technical data

Total thickness	3.68 mm \pm 0.25 0.145 in \pm 0.01
Weight	4.39 kg/m ² \pm 0.44 0.9 lbs/ft ² \pm 0.09
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	11 N/mm / 62.81 lbf/in
Recommended Elongation at fitting min.	0.3 %
Recommended Elongation at fitting max.	1.3 %
Rated working tension	21 N/mm / 120 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.28
Permissible operating temperature	-18/82 °C -0/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	45

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Properties

Lateral stiffness	Laterally flexible
Troughable	Yes
Suitable for accumulation	No
Inclined conveying	Yes
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	FR (ASTM D-378)
Noise development	Low noise
Particular surface properties	► Good grip
Belt support	Slider bed (support rollers possible)
UV resistance	Normal

Electrostatic properties

Not antistatic	Belt material with electrically insulating properties
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Fabrication

Suitable for corrugated side walls	No
Profiles on top face	No
Profiles on underside	Yes
Mechanical fasteners	On request

Minimum drum diameter

Z-splice, counter-bending	64 mm / 2.5 in
Mechanical fastener, bending	64 mm / 2.5 in
Z-splice, bending	51 mm / 2 in

Remarks

► Lower noise at belt return/counter-bending compared to RT/ MRT pattern.	
Chemical resistance	Good

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The physical data in this data sheet is approximate, can alter depending on production environments and was established at standard ambient conditions (23°C/73°F, 50% relative humidity) in accordance with DIN 50014/ISO 554. Fluctuations in climate can cause variations.

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