

ROLLER CONVEYOR SH 1210

Curve
Powered

24V

400V

Product description

The 24-V driven roller curve changes the direction of transport of roller conveyor-capable conveying goods. The tapered rollers retain the alignment of the conveying goods between the side frames. A control enables zero-pressure accumulation conveying. Every zone is driven by a RollerDrive that is connected with a fixed number of rollers via PolyVee belts running from roller to roller.

All materials are of stainless steel and the rollers as well as the RollerDrive, MultiControl and voltage supply feature a degree of protection of at least IPX5, which allows occasional cleaning with water and mild cleaning agents.

The tapered rollers are designed so that liquids can run off between the rollers and onto the floor. Water cannot enter the rollers.

Scope of delivery

- 1 sensor kit per conveyor/zone
- 1 reflector kit per conveyor/zone
- Bus (communication) cables



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Technical data

General technical data	
Max. load capacity	35 kg/m (greater loads upon request)
Conveyor speed	0.1 – 0.8 m/s
Max. electrical power per zone	35 W
Incline/decline	Not suitable
Ambient temperature	-5 to +40 °C
Roller	
Roller type	IP55 roller
Roller diameter	50 mm
Roller material	Stainless steel with tapered tube sleeves made of blue techno-polymer (FDA-certified)
Max. number of rollers	6 for 30° 9 for 45° 12 for 60° 18 for 90°
Drive	
Rated voltage	24 V
Motor type	RollerDrive EC5000
Drive medium	PolyVee belt
Torque transmission	Roller-to-roller
Control variants	MultiControl Bus Interface (IPX5 housing)

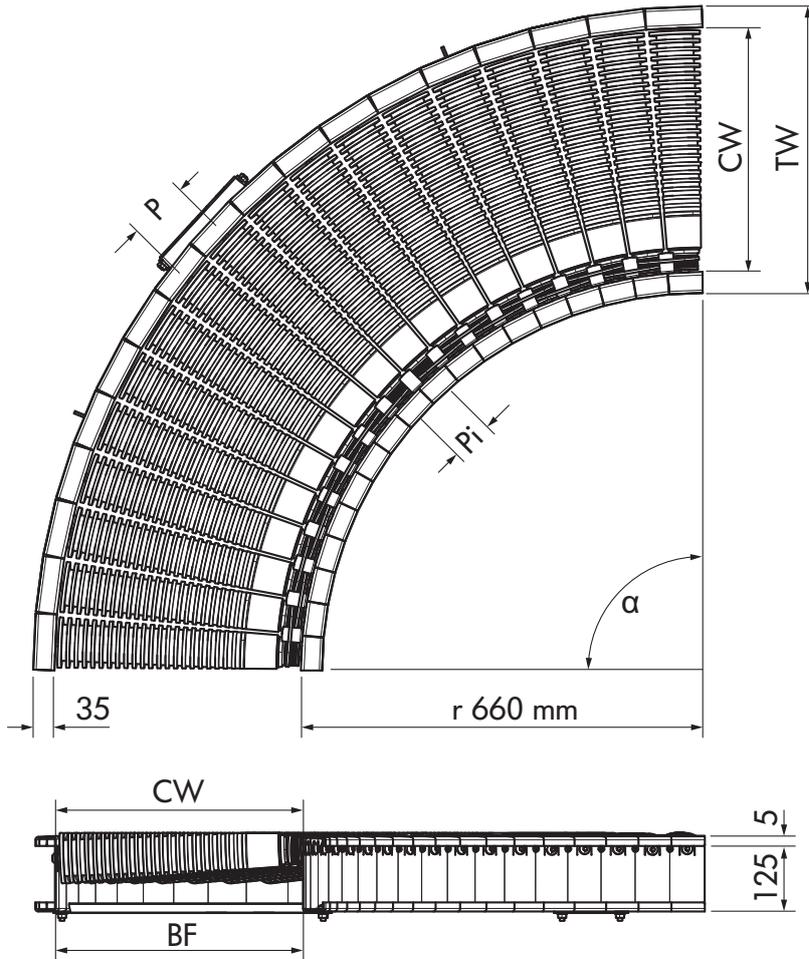
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Dimensions



BF	Rated width	405 mm (S), 710 mm (M), 862 mm (L)
CW	Module conveying width	< 405 mm (S), < 710 mm (M), < 862 mm (L)
	Size of conveying goods	Min. 180 x 180 mm; max. 700 x 800 mm
α	Bracket	30°/45°/60°/90°
TW	Module width	BF + 70 mm
Pi	Roller pitch; inside	~ 72 mm
P	Roller pitch; outside	S = 93 mm, M = 118 mm, L = 133 mm