

ROLLER CONVEYORS

RM 8310

Straight
Powered



24V

48V

400V

Product description

The DC roller conveyor enables zero pressure accumulation transport of goods with the help of a control system. Each zone is driven by a RollerDrive that is connected to a fixed number of idlers via PolyVee belts.

Scope of delivery

- Supply incl. 1 sensor per conveyor/zone
- Supply incl. bus (communication) cable
- Module is completely assembled and prewired
- Please order supports and end caps separately



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Technical data

| General technical data | |
|---------------------------------|--|
| Max. load capacity* | 50 kg/zone |
| Conveyor speed* | 0.1 to 1.0 m/s (up to 50 kg) 1.01 to 1.39 m/s (at 35 kg, 48 V, 50 W, BI, max. 10 starts/stops per minute and minimum conveying good length of 450 mm) |
| Max. electrical power per zone | 50 W |
| Incline/decline | Max. 4° (standard) |
| Ambient temperature | 0 to +40 °C normal range -30 to 0 °C deep freeze area |
| Roller | |
| Roller type | Interroll Series 3500 |
| Roller diameter | 50 mm |
| Roller material | Steel 1.5 mm, zinc-plated |
| Max. number of rollers per zone | 18 |
| Drive | |
| Rated voltage | 24/48 V |
| Motor type | Interroll RollerDrive EC5000 |
| Drive medium | PolyVee belts |
| Torque transmission | Roller-to-Roller |
| Control | MultiControl |

*The combination of maximum values is not always possible.

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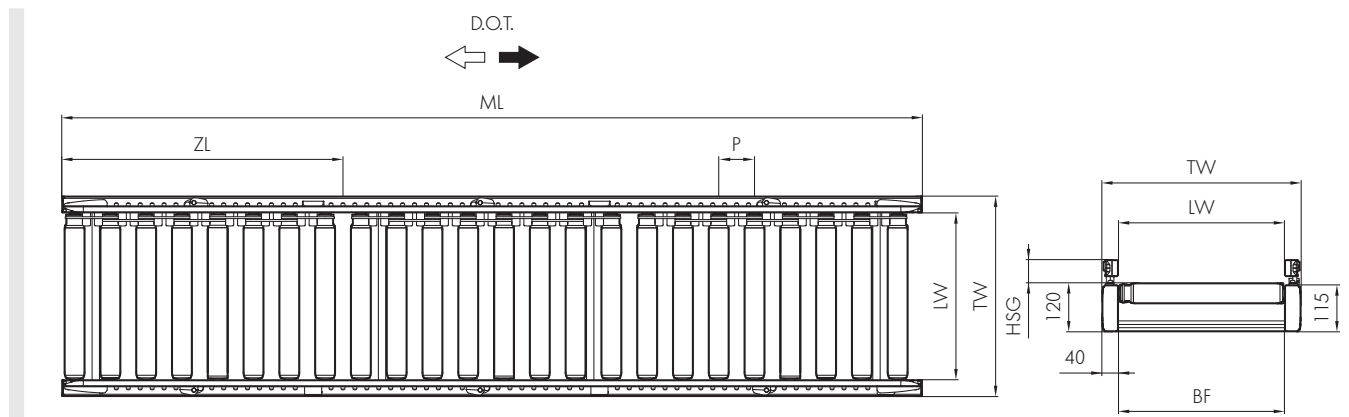


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Dimensions



| | | |
|-----|-------------------|--|
| BF | Rated width | 420, 620, 840 mm (others on request) |
| LW | Lane width | BF (+120/-90 mm per side with flexible side guide) |
| ML | Module length | ZL x number of zones, max. 4320 mm |
| ZL | Zone length | Number of rollers x P |
| TW | Module width | BF + 80 mm |
| P | Roller pitch | 60/90/120/150 mm |
| HSG | Side guide height | 35 – 65 mm |