

ROLLER CONVEYORS

RM 8210

Straight
Powered



24V

48V

400V

Product description

The roller conveyor powered by 400/460 V is available in 2 operating modes.

The permanently powered flat belt conveyor RM 8210 serves as a transport conveyor that requires only one 400/460-V drive for long distances up to 15 m.

Scope of delivery

- Supply incl. 1 sensor per conveyor/zone
- Delivery without bus (communication) cable for zero pressure accumulation variant
- Module is completely assembled, except for the flat belt
- Zero pressure accumulation version is prewired
- Please order supports and end caps separately



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Technical data

General technical data	
Max. load capacity*	50 kg/m
Transport conveyor speed*	0.1 to 2.0 m/s (at 50 kg/m or zone)
Zero pressure accumulation conveyor speed*	0.1 to 1.4 m/s
Incline/decline	Not suitable
Ambient temperature	+5 to +40 °C
Roller	
Roller type	Interroll Series 1700 and Series 3500 (zone conveyor)
Roller diameter	50 mm
Roller material	Steel 1.5 mm, zinc-plated
Drive	
Rated voltage	400 V
Rated voltage, actuator	24 V
Drive medium	Flat belt (transport), PolyVee (zero pressure accumulation)
Torque transmission	Roller-to-Roller (zero pressure accumulation)

*The combination of maximum values is not always possible.

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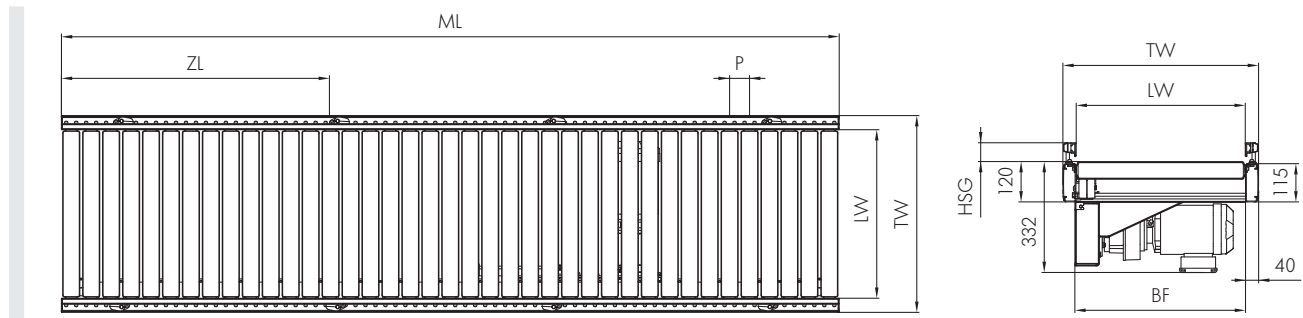


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Dimensions



BF	Rated width	420, 620, 840 mm (others on request)
LW	Lane width	BF (+120/-90 mm per side with flexible side guide)
ML*	Transport module length	Max. 12000 mm
	Zero pressure accumulation module length	Max. 6000 mm, ZL x number of zones (max. 6 zones per 400 V drive)
ZL	Zone length (optional)	Number of rollers x P
TW	Module width	BF + 80 mm
P	Roller pitch	60/90/120 mm
HSG	Side guide height	35 – 65 mm

*If a slave curve is driven by a straight conveyor, the max. module length is reduced by 3000 mm, for 2 curves by 6000 mm.

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Belt conveyors

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