BELT CONVEYORS
BM 8410/8420
Straight
Head drive

24V

48V

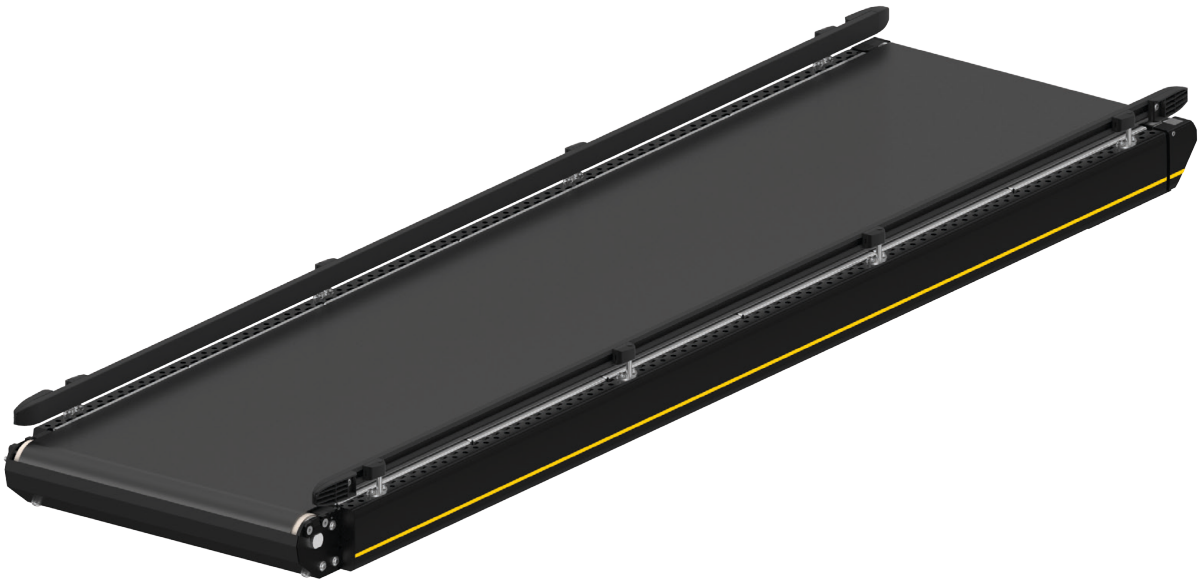
400V

Product description

The belt conveyor is used for the transport of goods that are not suitable for roller tracks, and for all types of goods on inclines and declines.
The belt conveyor is available with a gear motor (BM 8410) or drum motor (BM 8420).

Scope of delivery

- Supply incl. 1 sensor
- The module is partially assembled; the side guides are enclosed separately
- Please order supports separately



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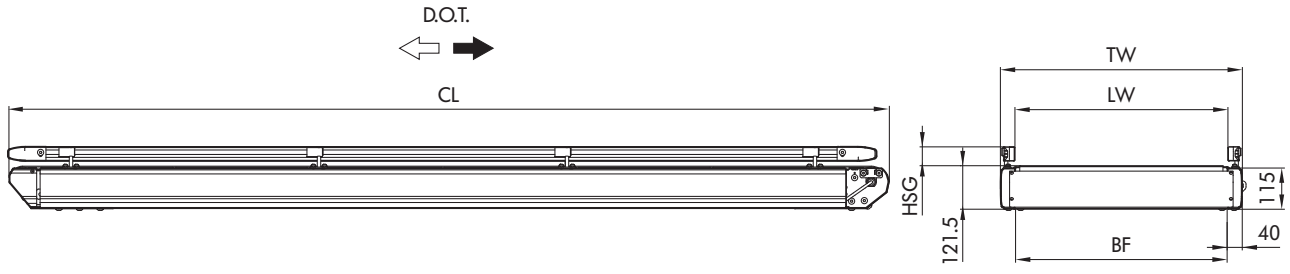
Technical data

General technical data	
Max. load capacity*	50 kg/m (standard)
Max. load capacity per module*	220 kg
Conveyor speed*	0.1 to 2.5 m/s
Incline/decline	Max. 6°
Ambient temperature	+5 bis +40 °C
Drive	
Rated voltage	400 V
Electrical power	Max. 1.1 kW
Motor type	Drum motor/gear motor
Materials	
Conveyor belt	Level: smooth, 2-layer, PVC; rising/falling gradient: grooved longitudinally
Slider bed	Zinc-plated sheet steel 2.5 mm; zinc-plated sheet steel 3 mm (from measure between frames = 840 mm)

*The combination of maximum values is not always possible.

Dimensions



BF	Rated width	420, 620, 840 mm (others on request)
LW	Clear width	BF (+120/–90 mm per side with flexible side guide)
CL	Module length	650 – 3000 mm
TW	Module width	BF + 80 mm
HSG	Side guide height	68 mm (standard), adjustable from 35 – 80 mm with fixed holders

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