

# BELT CONVEYORS

## BM 8432/8442

Straight

Center drive + upper arch



24V

48V

400V

### Product description

The belt conveyor with top arch is used for transporting all types of goods on inclines or declines. The arch reduces noise and the impact of material as it pass over the arch.

The belt conveyor is available with gear motor (BM 8432) or drum motor (BM 8442).

The design with gear motor (BM 8432) can also be used in the chill area.

### Scope of delivery

- Supply incl. 1 sensor
- Module is completely assembled, maybe split into sections
- Please order supports and end caps separately



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### Technical data

<b>General technical data</b>	
Max. load capacity*	50 kg/m (standard)
Max. load capacity per module*	550 kg
Conveyor speed*	0.1 to 2.5 m/s (at 50 kg)
Incline/decline	Max. 18°
Ambient temperature	+5 to +40 °C (drum motor); -5 to +40 °C (gear motor)
<b>Drive</b>	
Rated voltage	400 V
Electrical power	Max. 3 kW
Motor type	Drum motor/gear motor
<b>Materials</b>	
Conveyor belt	2-layer, PVC, grooved longitudinally
Slider bed	Zinc-plated sheet steel 2.5 mm Zinc-plated sheet steel 3 mm (from BF = 840 mm)

\*The combination of maximum values is not always possible.

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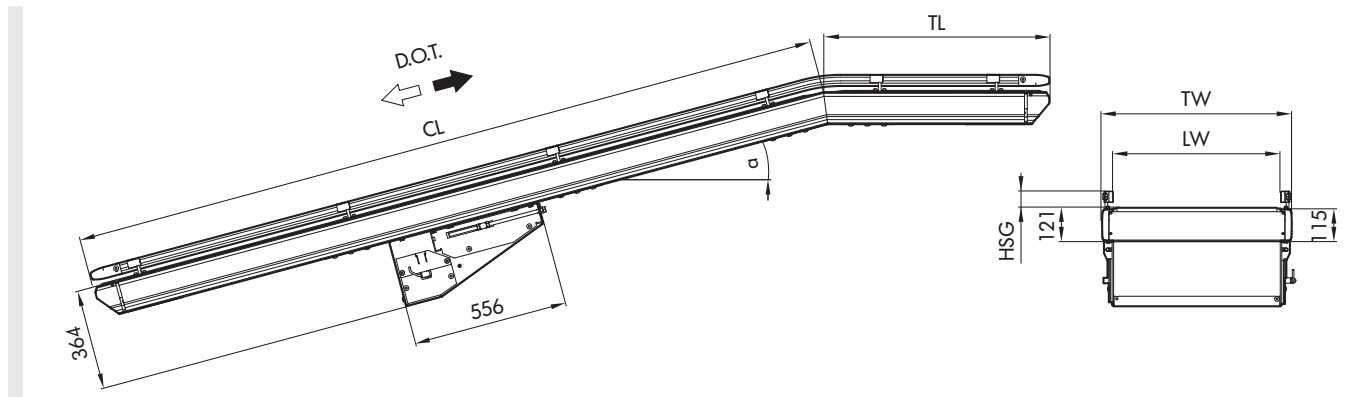


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### Dimensions



BF	Rated width	420, 620, 840 mm (others on request)
LW	Clear width	BF (+120/-90 mm per side with flexible side guide)
ML	Module length	1500 to 20010 mm
CL	Length of incline or gradient part	ML - TL
TL	Top length	720 to 2160 mm
TW	Module width	BF + 80 mm
HSG	Side guide height	35 - 65 mm
$\alpha$	Incline/Decline angle	6°/9°/12°/15°/18°