**BM 8410 / 8420**

Interroll Belt Conveyor
Straight
Head Drive

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**Product Description**

The belt conveyor is used for the transport of unit loads that are not suitable for roller tracks, and for all types of unit loads in case of inclines and declines.

The standard belt conveyor is equipped with a drum motor (BM 8420), a gear motor is available as an option (BM 8410). Not suitable for reversing operation.

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**Technical data**

<table>
<thead>
<tr>
<th>General technical data</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Max. load capacity*</td>
<td>50 kg/m</td>
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<tr>
<td>Max. load capacity per module*</td>
<td>220 kg</td>
</tr>
<tr>
<td>Conveyor speed*</td>
<td>0.1 to 2.5 m/s (at 50 kg)</td>
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<tr>
<td>Incline/decline</td>
<td>Max. 6°</td>
</tr>
</tbody>
</table>
| Ambient temperature | -5 to +40 °C (drum motor)  
-5 to +50 °C (gear motor) |

**Drive**

- Rated voltage: 400 V
- Electrical power: Max. 1.1 kW
- Motor type: Drum motor/gear motor
- Materials:
  - Conveyor belt: Smooth, 2-layer, PVC, longitudinally grooved for incline
  - Slider bed: Sheet steel 2 mm

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* The combination of maximum values is not always possible.

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**Dimensions**

| BF | Between frames | 420, 620, 840 mm  
| LW | Lane width | BF (+120/-90 mm per side with flexible side guide)  
| CL | Module length | 650 - 3000 mm  
| TW | Module width | BF ± 80 mm  
| HSG | Height side guide | 35 - 65 mm  

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**Scope of supply**

- The module is fully assembled
- Supply incl. 1 sensor
- Please order support stands separately

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