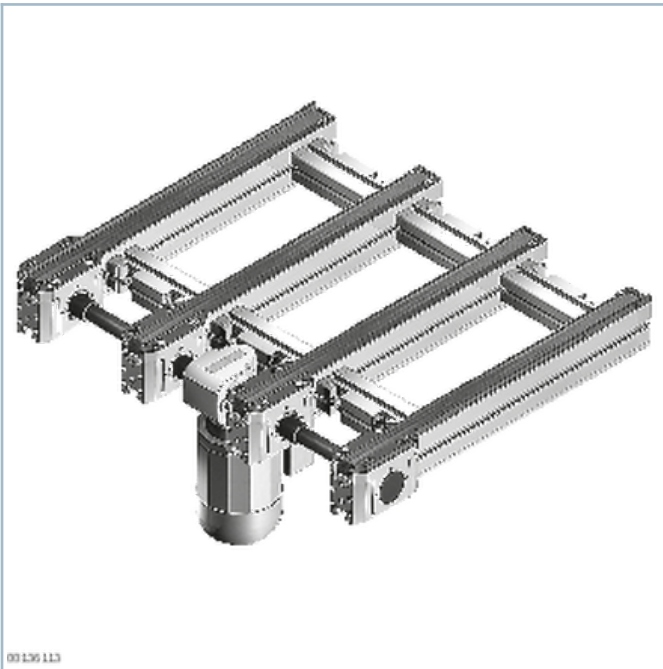




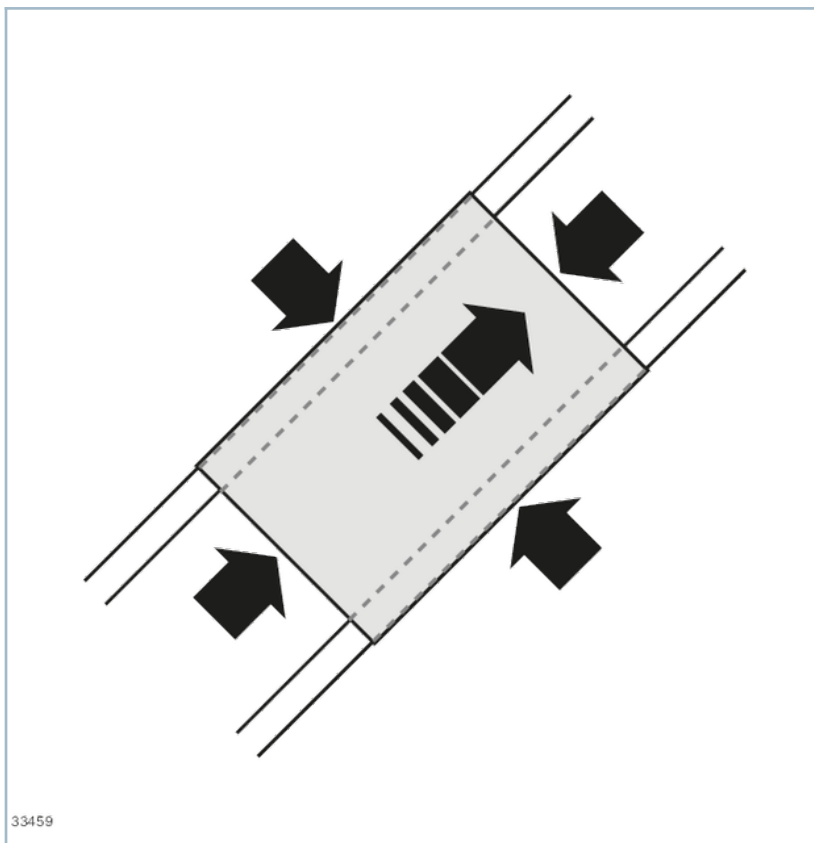
Belt section CSS/B



- Minor corrections of the end position of the solar modules on the belt section possible
- Most cost-effective solution

- Longitudinal conveyor for glass modules of various dimensions
- Longitudinal conveyor for wafer trays
- Not intended for accumulation operation
- Belt section consisting of two to five tracks for secure support of the glass modules across the entire width. Distance between the tracks can be determined individually (b1 to b4)
- Permissible load:
 - Per track: max. 0.15 kg/cm support surface length and max. 60 kg
 - Per belt section: max. 120 kg
- Suitable for reversible operation (up to 3000 mm)
- Conveyor medium: Special textile toothed belt. Due to the low friction coefficient in relation to the workpiece, particularly well suited for lateral positioning procedures
- Simple exchange of the toothed belts by dismantling from above without realignment
- Gear motors are suitable for operation with frequency converter
- Motor mounting on right (MA = R) or left (MA = L) possible on each track of the belt section (MS = 1 ... 5; MS = 1 denotes the left track in the direction of transport). When mounting the motor between the tracks, observe a minimum distance of 165 mm (b1 to b4)
- Motor mounting outside: suspended or lying down;
Motor mounting between the tracks: suspended
- Motor connection optionally with cable/plug (AT = S) or terminal box (AT = K)
- Version with lateral guide (FP = 1) preferably for fully framed glass modules; version without lateral guide (FP = 0) preferably for unprocessed glass modules with rough edges
- Suitable for use in cleanroom environments up to cleanroom class 6 in accordance with ISO 14644-1

Product description



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[Energy efficiency – Rexroth 4EE](#)

Technical data

[Motor data](#)

[Design of the belt sections and the drive](#)

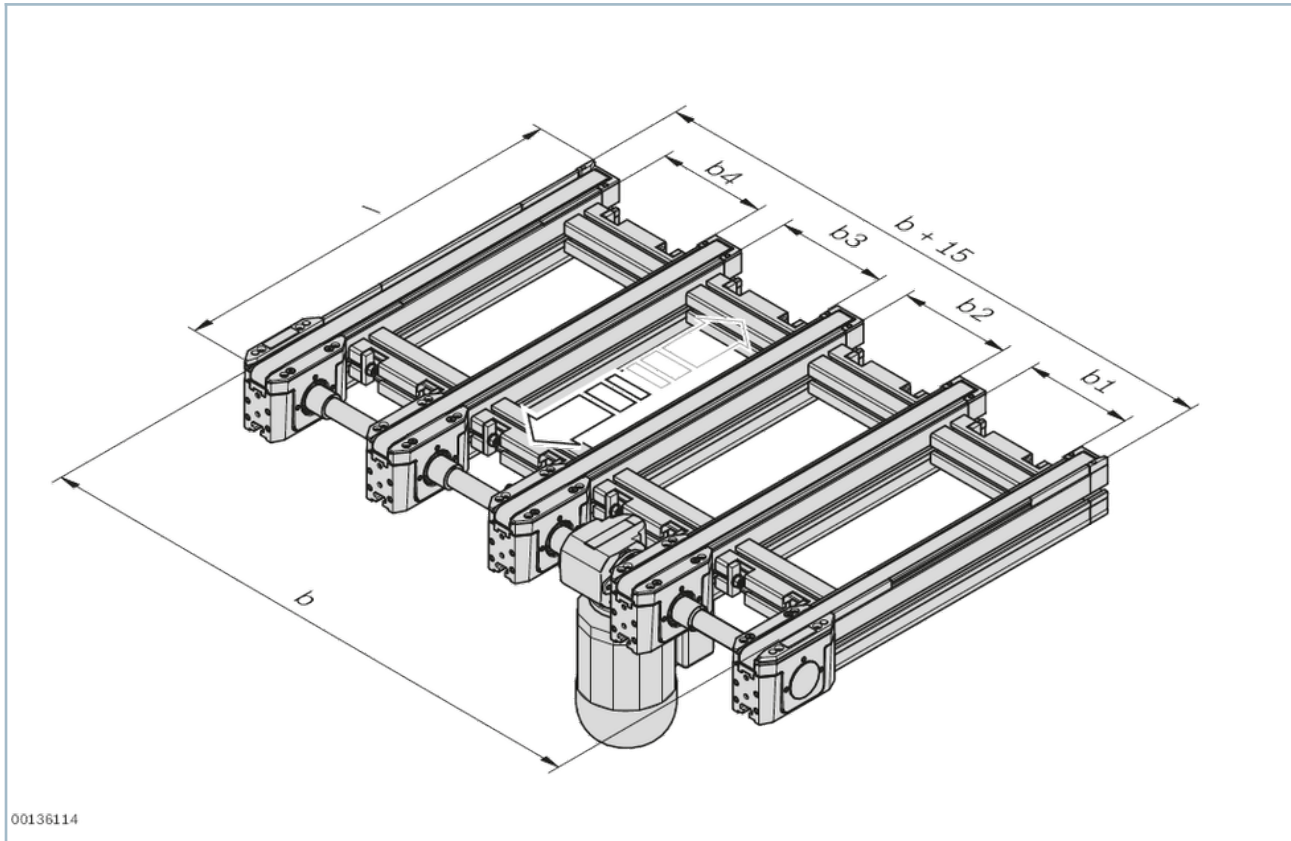
[Transport speeds \$v_N\$](#)

[Motor connection](#)

Dimensions

[illegible]

Ordering codes



Bestellhinweise

Tracks	$b_{\min} =$
2	160 mm
3	$b1_{\min} + b2_{\min} + 3 \times 45 - 15 = 290 \text{ mm}^{1)}$
4	$b1_{\min} + b2_{\min} + b3_{\min} + 4 \times 45 - 15 = 420 \text{ mm}^{1)}$
5	$b1_{\min} + b2_{\min} + b3_{\min} + b4_{\min} + 5 \times 45 - 15 = 550 \text{ mm}^{1)}$

1) Distance dimension with the highest index is determined

Order Parameter

b (mm)	Track width in direction of transport	160 ... 3000
b1 (mm) ¹⁾	Track width b1	85 ... 1000
b2 (mm) ¹⁾	Track width b2	85 ... 1000
b3 (mm) ¹⁾	Track width b3	85 ... 1000
b4 (mm) ¹⁾	Track width b4	85 ... 1000
l (mm)	Length	290 ... 6000
FP	Lateral guide (1 = with; 0 = without)	1; 0
v_N (m/min) ²⁾	Nominal speed	0; 6; 9; 12; 15; 18; 21; 36
U, f (V, Hz)	Voltage, frequency	see motor data
AT	Motor connection S: cable/plug K: terminal box	S; K
MS	Motor mounting A: Outside	1; 2; 3; 4; 5

MA	Motor mounting R: right L: left M: center	R; L
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- 1) $bx_{min} = 165\text{ mm}$ for motor mounting between the tracks
- 2) $v_N = 0, U = 0, f = 0$: without motor and without gear
 $vN = 0, U = 0, f = 50/60\text{ Hz}$: without motor, with gear (if technically feasible)

	No.
Belt section CSS/B-2	3842998537
Belt section CSS/B-3	3842998538
Belt section CSS/B-4	3842998539
Belt section CSS/B-5	3842998540