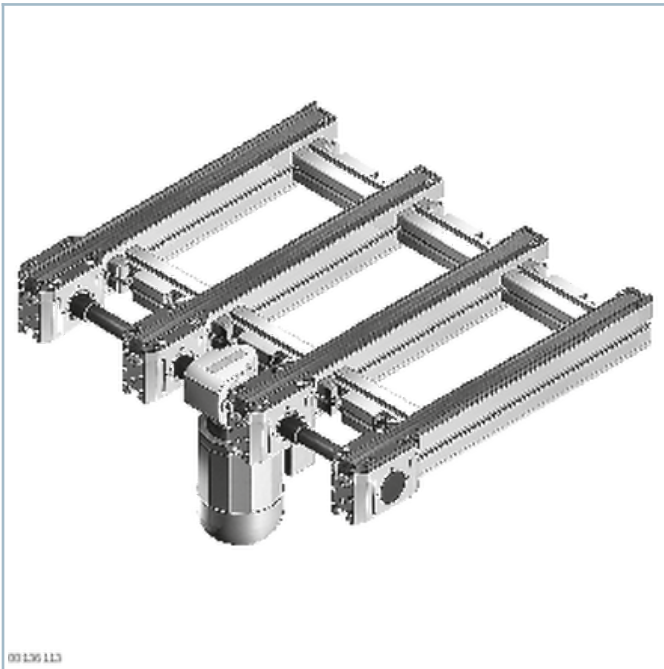
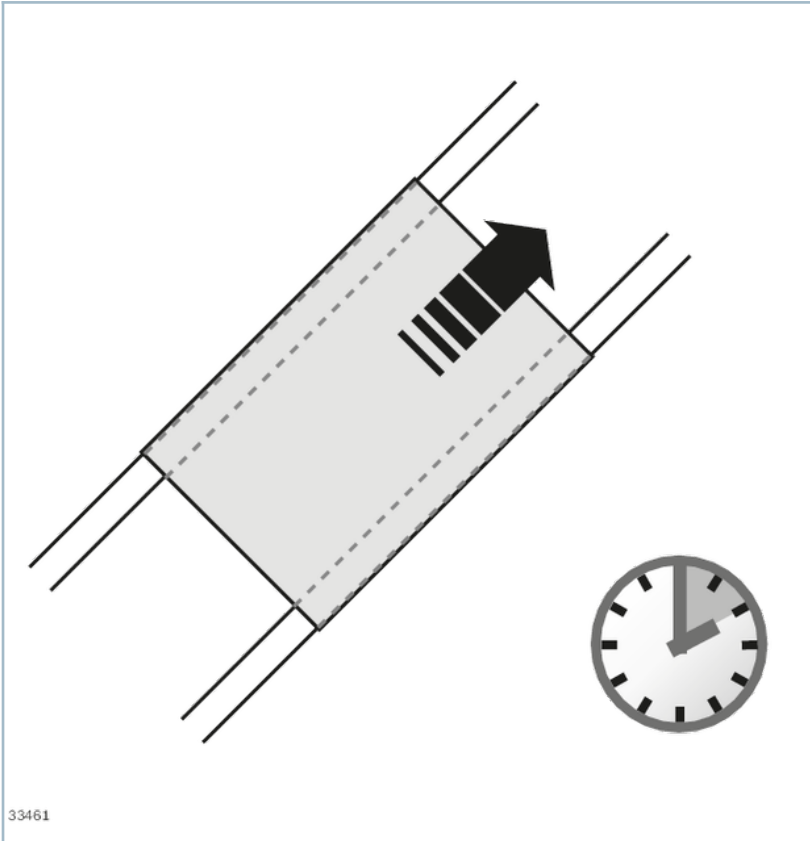


Belt section CSS/F



- Conveyor medium with high friction coefficient allows high acceleration and deceleration
 - No slipping of the modules on the belt section
 - Same system dimensions as CSS/B
-
- Longitudinal conveyor for glass modules of various dimensions
 - 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). Comply with minimum dimensions
 - Permissible load:
 - Per track: max. 0.15 kg/cm support surface length and max. 40 kg
 - Per belt section: max. 120 kg
 - Suitable for reversible operation (up to 3000 mm)
 - Textile toothed belt with PU coating for high friction coefficients and improved static friction when starting and accelerating
 - 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



Energy efficiency – Rexroth 4EE

Technical data

Motor data

Design of the belt sections and the drive

Transport speeds v_N

Motor connection

Dimensions

Technical drawing of a 5-axis linear motion system, showing side and front views with dimensions.

Side View Dimensions:

- Overall width: $b + 40$
- Central width: b
- Individual rail widths: b_1, b_2, b_3, b_4
- Top rail width: 130
- Top rail offset: 30
- Top rail thickness: 45
- Motor diameter: $\varnothing 136$
- Motor length: 200
- Motor mounting width: 237
- Motor mounting height: 102
- Motor mounting offset: 352,5
- Bottom rail offset: 87
- Bottom rail thickness: 40
- Bottom rail width: $b + 15$

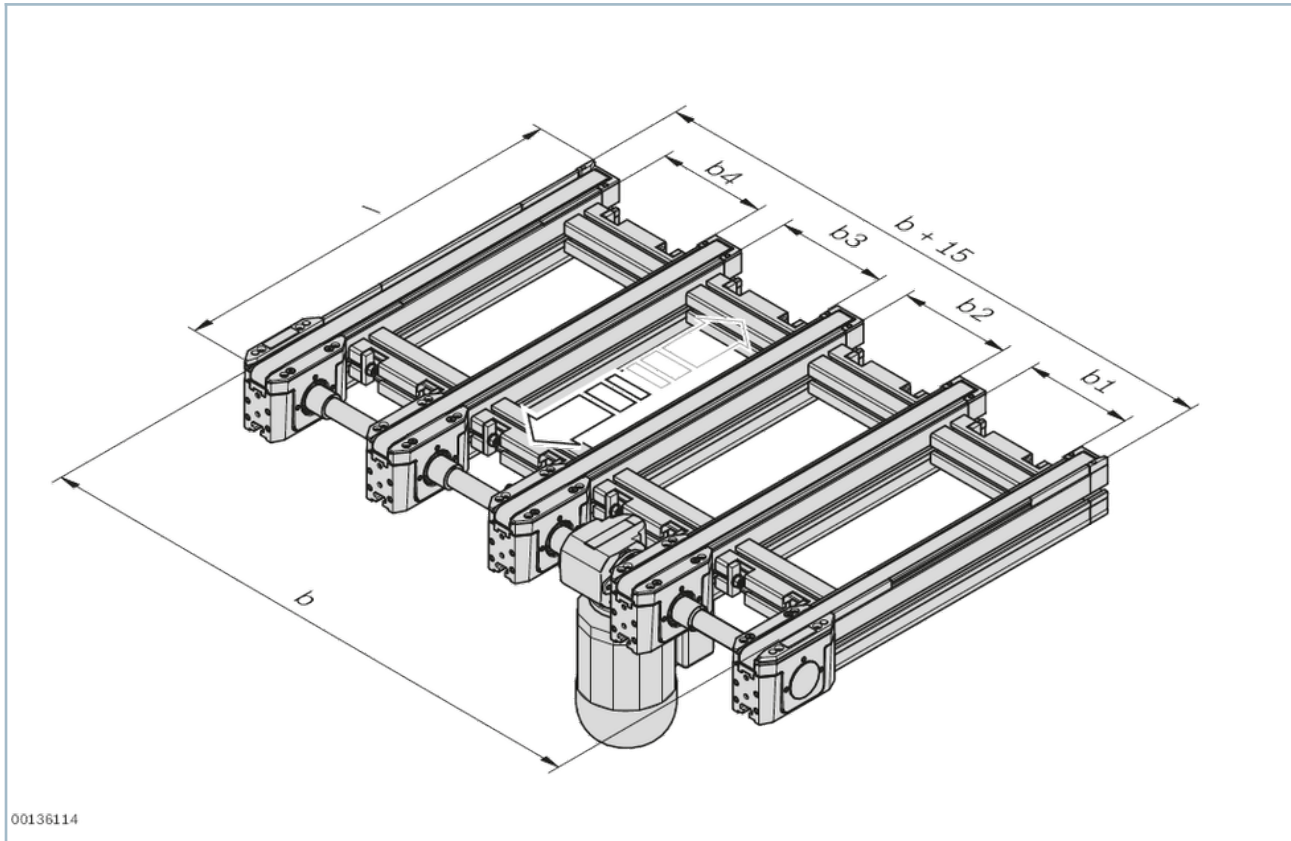
Front View Dimensions:

- Overall height: $b + 40$
- Central height: b
- Individual rail heights: b_1, b_2, b_3, b_4
- Top rail offset: 30
- Top rail thickness: 45
- Motor diameter: $\varnothing 136$
- Motor length: 200
- Motor mounting width: 237
- Motor mounting height: 102
- Motor mounting offset: 352,5
- Bottom rail offset: 87
- Bottom rail thickness: 40
- Bottom rail width: $b + 15$

Cross-section A-A:

- Overall width: b
- Central width: $b + 15$
- Top rail offset: 30
- Top rail thickness: 45
- Motor diameter: $\varnothing 136$
- Motor length: 200
- Motor mounting width: 237
- Motor mounting height: 102
- Motor mounting offset: 352,5
- Bottom rail offset: 87
- Bottom rail thickness: 40
- Bottom rail width: $b + 15$

Ordering codes



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)	Track width b4	85 ... 1000 ¹⁾	85 ... 1000 ²⁾
l (mm)	Length	290 ... 6000	
FP	Lateral guide (1 = with; 0 = without)	1; 0	
v_N (m/min) ³⁾	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	

1) $b_{x_{min}} = 165$ mm for motor mounting between the tracks

2) $b_{x_{min}} = 165$ mm for motor mounting between the tracks
Distance dimension with the highest index is determined

3) $v_N = 0$, $U = 0$, $f = 0$: without motor and without gear
 $v_N = 0$, $U = 0$, $f = 50/60$ Hz: without motor, with gear (if technically feasible)

	No.
Belt section CSS/F-2	3842998642
Belt section CSS/F-3	3842998643
Belt section CSS/F-4	3842998644
Belt section CSS/F-5	3842998645