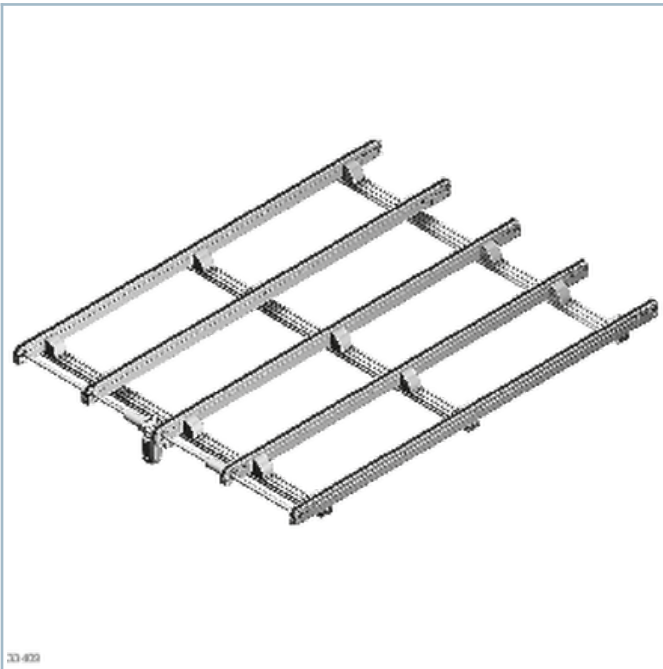
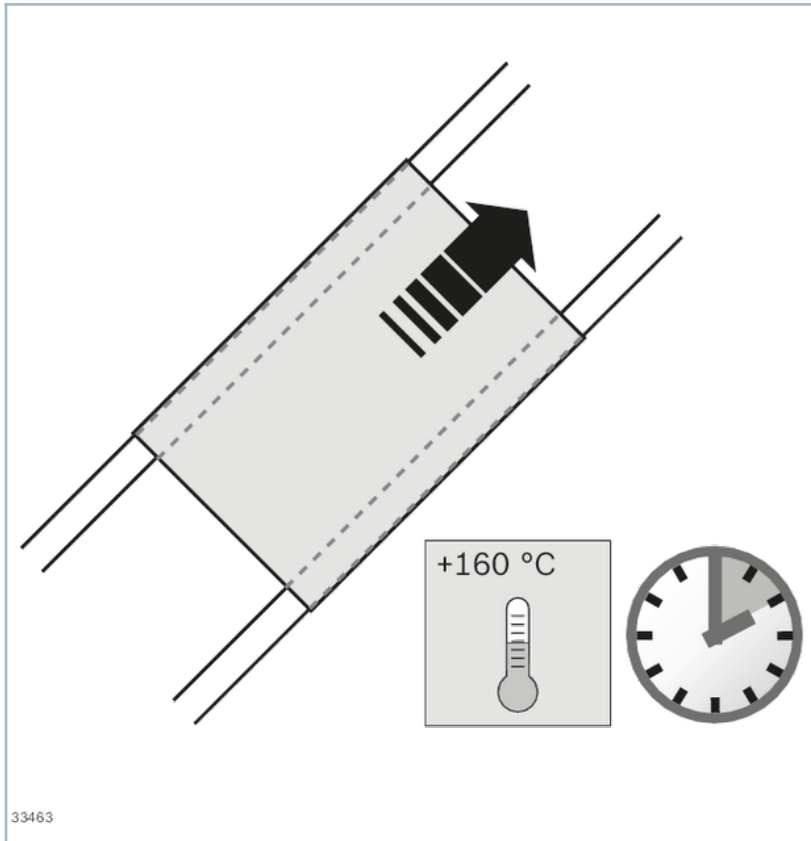


Belt section CSS/NT



- Transport of plates up to 160 °C, e.g. as transport system after lamination
 - Conveyor medium with high friction coefficient allows high acceleration and deceleration
 - No slipping of the modules on the belt section
-
- Longitudinal conveyor for glass modules
 - Suitable for transport of plates up to 160 °C, e.g. as transport system after lamination
 - 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. 0.3 kg/cm support surface length and max. 60 kg
 - Per belt section: max. 120 kg
 - Suitable for reversible operation up to 1500 mm section length
 - Special textile toothed belt with Viton coating
 - Dynamic belt tensioner for offsetting the belt stretching due to the temperature exposure
 - Simple exchange of the continuous toothed belts by dismantling from the side without realignment. Also possible for inner tracks due to couplings on the hexagonal shaft
 - Gear motors are suitable for operation with frequency converter
 - Price benefit when ordering certain standard lengths as well as significant shortening of the delivery time for toothed belts in case of servicing
 - Suitable for use in cleanroom environments up to cleanroom class 7 in accordance with ISO 14644-1

Product description



-
[Energy efficiency – Rexroth 4EE](#)

Technical data

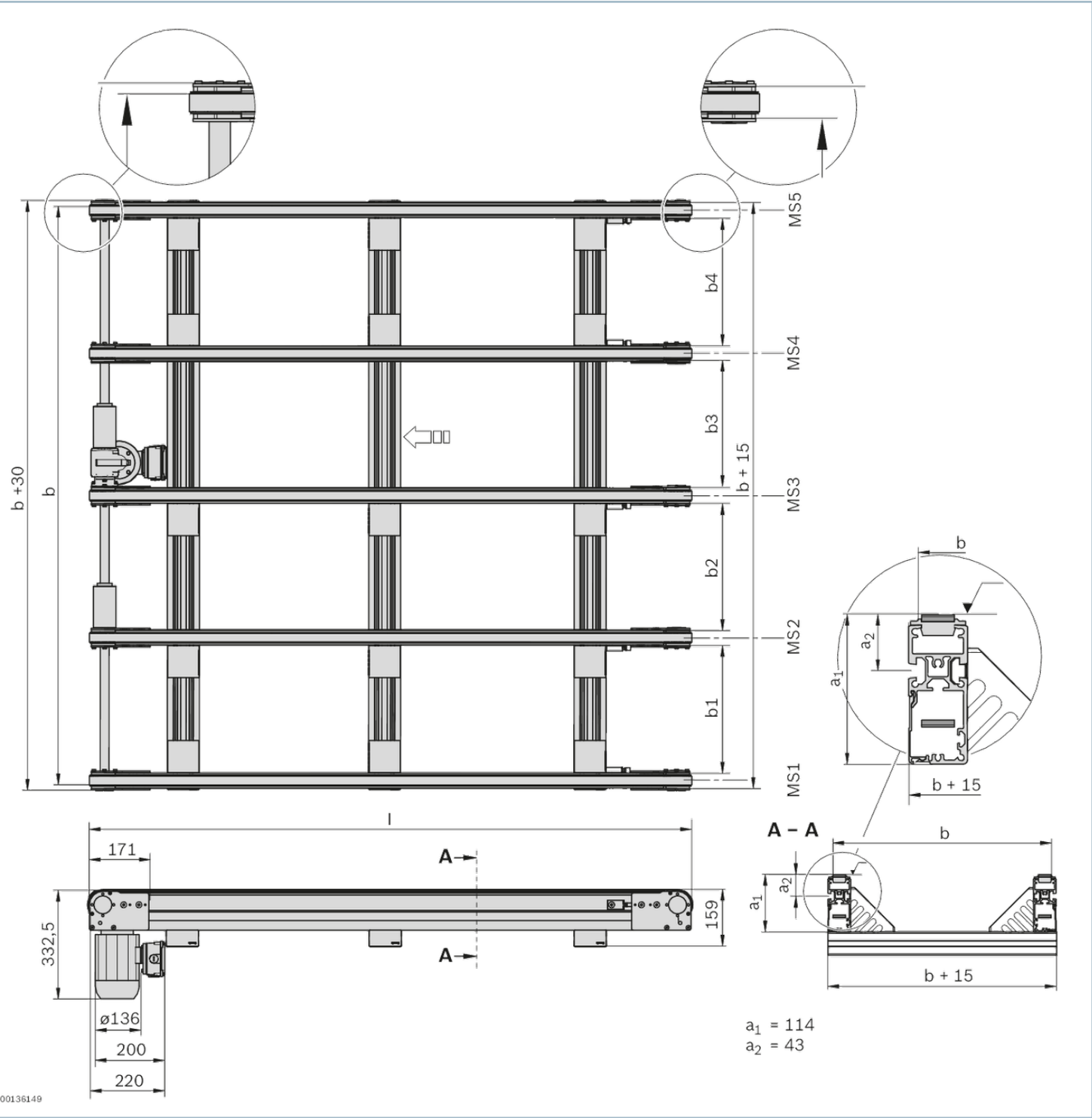
[Motor data](#)

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

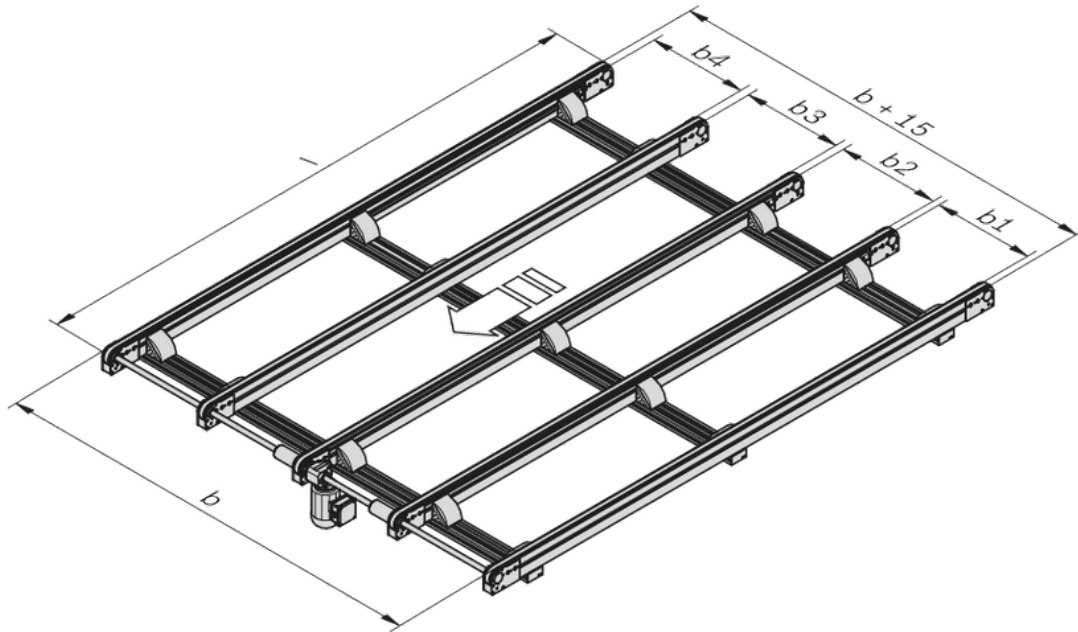
[Transport speeds \$v_N\$](#)

[Motor connection](#)

Dimensions



Ordering codes



33412

Bestellhinweise

Tracks	$b_{\min} =$
2	255 mm
3	$b1_{\min} + b2_{\min} + 3 \times 45 - 15 = 540 \text{ mm}$
4	$b1_{\min} + b2_{\min} + b3_{\min} + 4 \times 45 - 15 = 825 \text{ mm}$
5	$b1_{\min} + b2_{\min} + b3_{\min} + b4_{\min} + 5 \times 45 - 15 = 1050 \text{ mm}$

Order Parameter

b (mm)	Track width in direction of transport	255 ... 2300
b1 (mm) ¹⁾	Track width b1	180 ... 1000
b2 (mm) ¹⁾	Track width b2	180 ... 1000
b3 (mm) ¹⁾	Track width b3	180 ... 1000
b4 (mm) ¹⁾	Track width b4	180 ... 1000
l (mm) ²⁾	Length	550 ... 3000
FP	Lateral guide (1 = with; 0 = without)	1; 0
v_N (m/min) ³⁾	Nominal speed	0; 6; 9; 12; 15; 18; 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) $bx_{min} = 350\text{ mm}$ for motor mounting between the tracks
- 2) Length deviation $\pm 0.5\%$
- 3) $v_N = 0, U = 0, f = 0$: 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/NT-2	3842998632
Belt section CSS/NT-3	3842998633
Belt section CSS/NT-4	3842998634
Belt section CSS/NT-5	3842998635