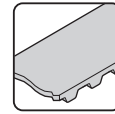


Belt section BS 2/M-2



- ▶ Functional operation conveyor section complete with drive
- ▶ Drive position freely selectable in longitudinal direction
- ▶ Accumulation operation possible
- ▶ Conveyor medium: Toothed belt (suitable for use in an EPA)
- ▶ Reversible operation possible
- ▶ With 1 or 2 large return heads, the BS 2/M-2 is also suitable for mounting on curve KE 2/O or HQ 2/O
- ▶ Suitable for mounting situations where large return heads or drive heads are required
- ▶ BS 2 is suitable and recommended for workpiece pallets WT 2 and WT 2/LS in the longitudinal conveyor
- ▶ Can be combined with WT 2, WT 2/E, WT 2/LS and WT 2/F with PA wear pad
- ▶ Motor mounting right, left or central
- ▶ Motor connection: optionally with cable/plug or terminal box
- ▶ Special models on request

The belt section is a conveyor section that is ready for operation with own drive for the transportation of workpiece pallets. It is suitable for all installation situations in which the motor cannot be fitted to the end of the belt section.

The return units can be inserted at both ends of the belt section, allowing a greater variety of applications.

With 1 or 2 large return heads, the new modular unit BS 2/M-2 can now also be used to drive a KE 2/O or HQ 2/O. In addition, there is the option of whether or not a hexagonal shaft is integrated.

Recommended accessories

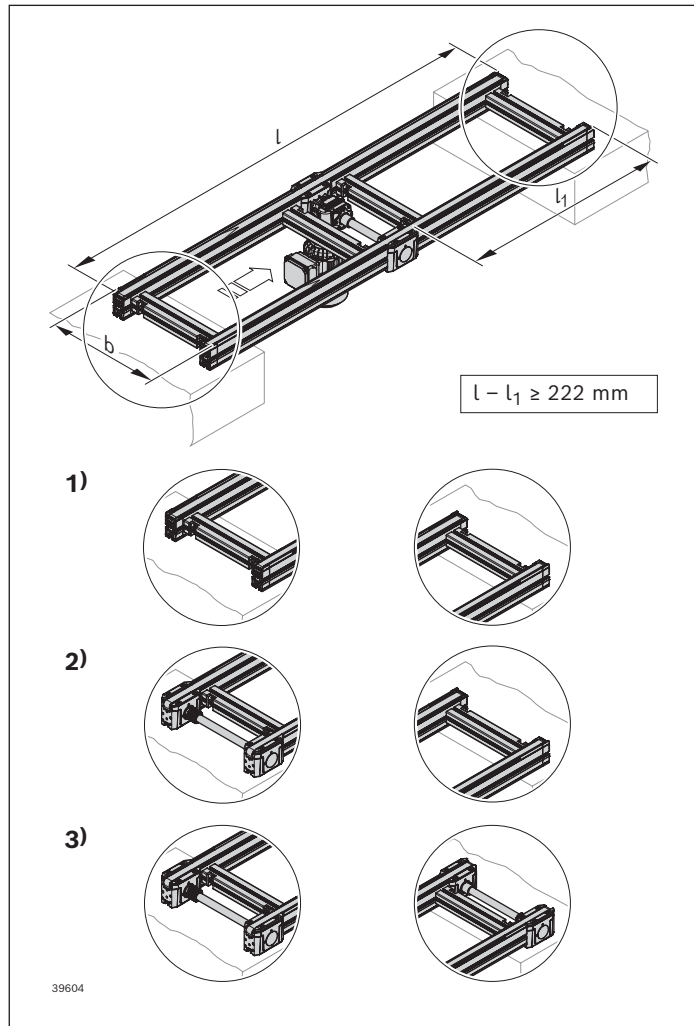
- ▶ Connection kit
- ▶ Leg sets SZ 2/...

Condition on delivery

- ▶ Assembled

Notice: Positioning of WTs in the area of the drive heads/return heads is not permitted.

Ordering information



- ¹⁾ UM = 0: Small return head on both sides
²⁾ UM = 1; 2; 3: Large return head on one side
³⁾ UM = 4; 5; 6: Large return head on both sides

Material number		3842994164 BS 2/M-2
b (mm)	Track width in direction of transport	160; 240; 320; 400; 480; 640; 800; 1040; 1200 160 ... 1200 ¹⁾
l (mm)	Length	UM = 0: 312 ... 6000 ²⁾ UM = 1; 2; 3: 410 ... 6000 ²⁾ UM = 4; 5; 6: 510 ... 6000 ²⁾
l ₁ (mm)	Length	UM = 0; 1; 2; 3: 90 ... 5770 UM = 4; 5; 6: 190 ... 5770
v _N (m/min)	Nominal speed	0 ³⁾ ; 6; 9; 12; 15; 18
AT	Motor connection 0 = without motor S = cable/plug K = terminal box	0; S; K
MA	Motor mounting R = right L = left M = center	R; L; M
UM	Return unit 0 = small return head on both sides 1/2/3 = return head large on one side ⁴⁾ + 1, 2 or 3 1 = without drive shaft 2 = connection to KE 2/O 3 = connection to HQ 2/O 4/5/6 = large return head on both sides + 4,5 or 6 4 = without drive shaft 5 = connection to KE 2/O 6 = connection to HQ 2/O	0; 1; 2; 3; 4; 5; 6
UB	Connection belt for HQ 2/O for UM = 3/6: 1 = BG 1 with b = 160 ... 480 2 = BG 2 with b = 400 ... 800	1; 2

- ¹⁾ Individual width variants can be ordered
²⁾ l is rounded in accordance with the toothed belt pitch
 $l - l_1 \geq 222$ mm
³⁾ v_N = 0: without motor and gear
⁴⁾ in travel direction at the beginning of the section

Technical data

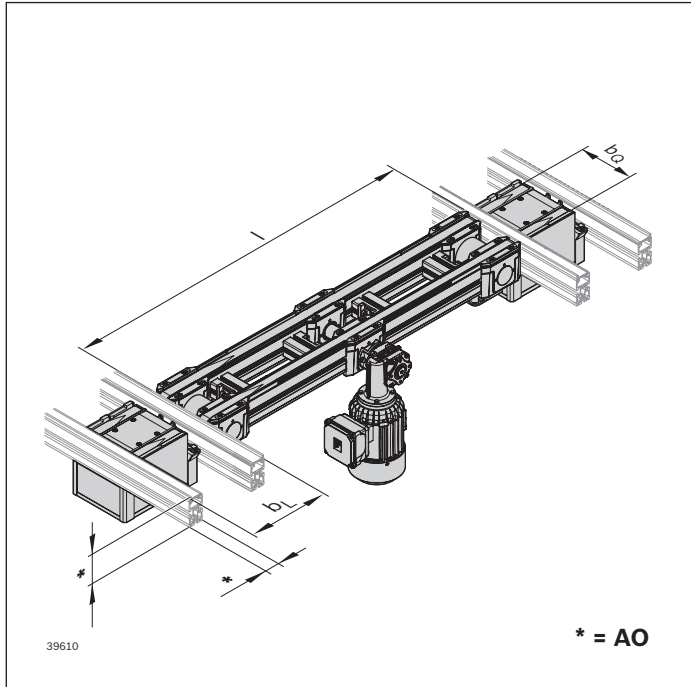
Material number			3842994164 BS 2/M-2
Max. section load in accumulation operation		kg	60 ⁵⁾
ESD			yes
Cleanroom class			ISO class 7 ⁶⁾
Dry room	rF	%	<1
Material specification			Glide profile: PA Guide profile: PA Section profile: Aluminum, natural; anodized
Length	l	mm	312 ... 6000

⁵⁾ When MA = M and b = 160 mm, the max. section load is only 30 kg

⁶⁾ is basically suitable

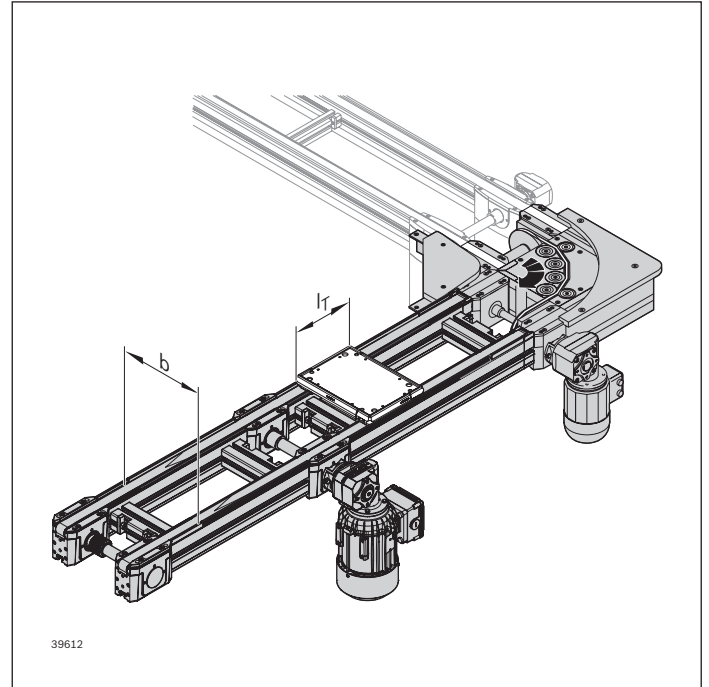
Mounting between 2 HQ 2/O in the transverse conveyor

2 large return heads with connection belt in the transverse conveyor



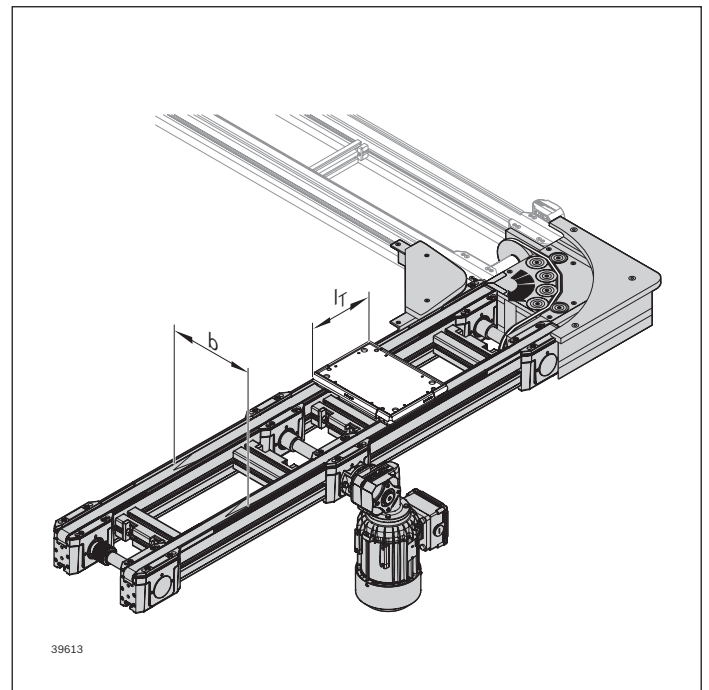
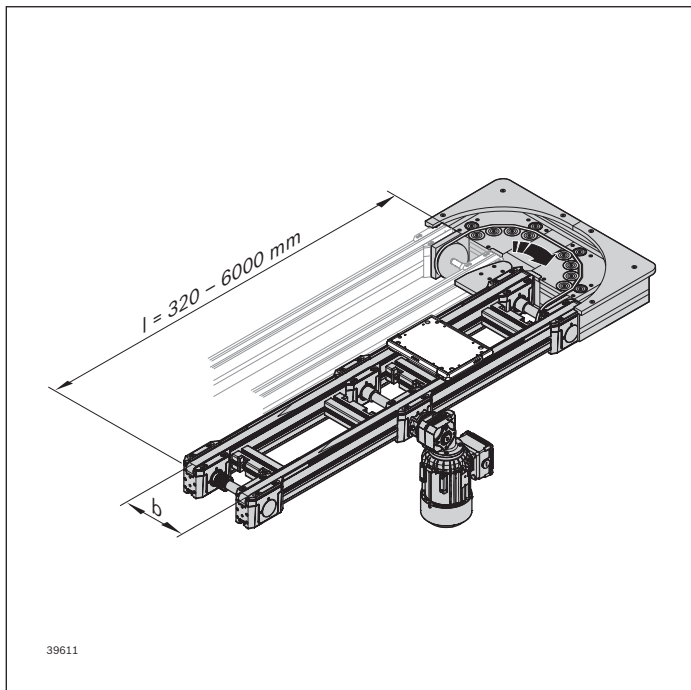
Mounting KE 2 without connection belt

Return head without connection belt and without hexagonal shaft

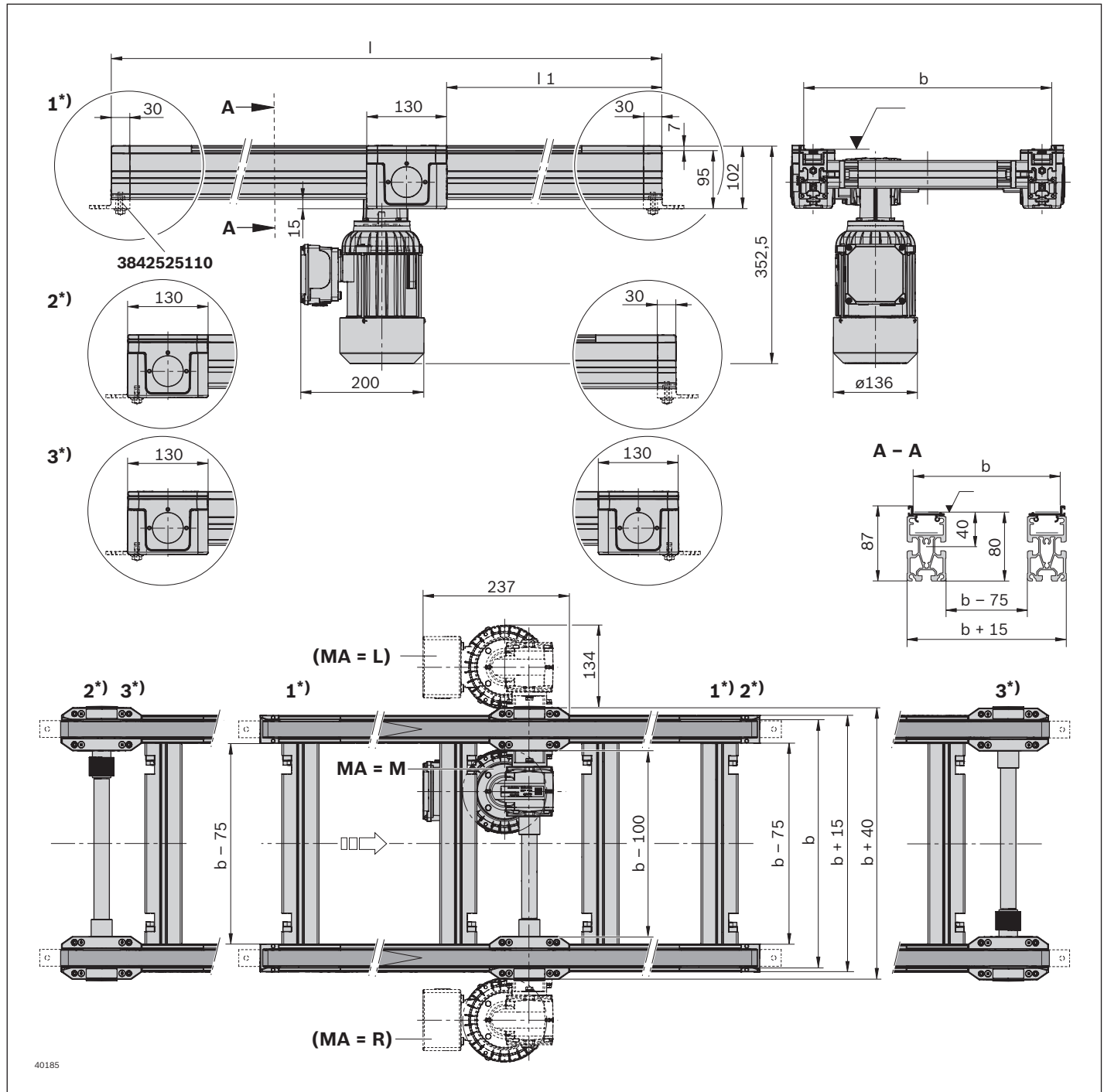


Mounting KE 2/O-180..., KE 2/O-90...

Large return head with hexagonal shaft and connection belt to a subsequent belt section



Dimensions



- 1) UM = 0: Small return head on both sides (see page 2)
 2) UM = 1; 2; 3: Large return head on one side (see page 2)
 3) UM = 4; 5; 6: Large return head on both sides (see page 2)