

Lift Transverse Unit HQ 2/T



- Lift transverse unit without own drive for feeding out from a longitudinal section into a transverse section with a roller section and vice versa
- Used together with the HQ 2/O as a tandem design

 [Assembly instructions](#)

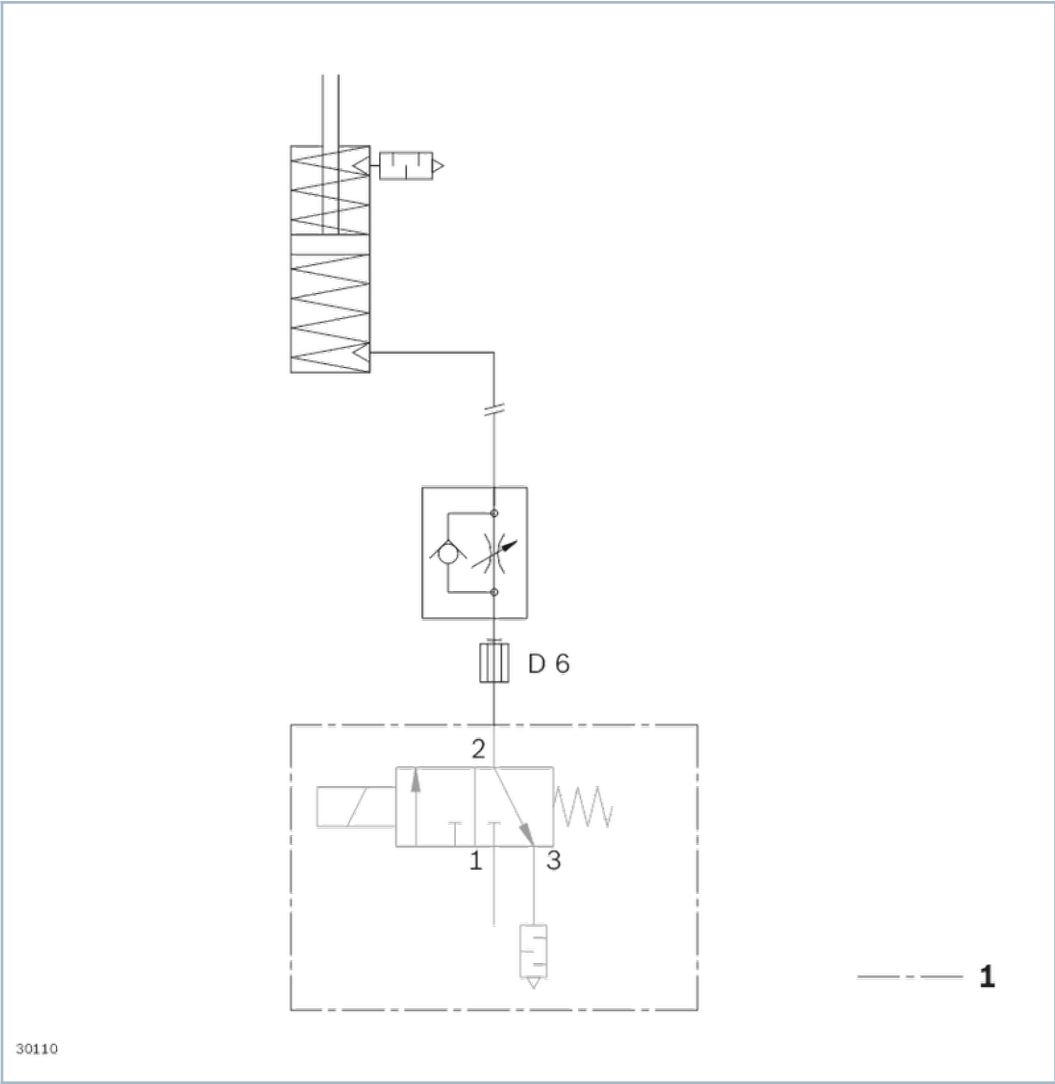
- Driven by toothed belt coupling
- Suitable for use in special designs
- In two sizes with one or two lifting cylinders
- Conveyor medium: Toothed belt (suitable for use in an EPA)
- Pneumatic equipment for 2 (top, center) or 3 (top, center, bottom) lift positions
- Suitable for mounting on an ST 2/... section with a profile width of 45 mm or an ST 2/...-H section with a profile width of 50 mm
- Reversible operation possible

Technical data

No.			3842998114	3842999031
Max. total weight of workpiece pallet	m _G	kg	30	30
ESD			yes	yes
Reversible operation			Reversible operation possible	Reversible operation possible
Size	BG		BG 1; BG 2	BG 1; BG 2
Combination Options	b _Q x b _L	mm x mm	BG 1 160 x 160; 240; 320 240 x 160; 240; 320; 400 320 x 160; 240; 320; 400 400 x 240; 320; 400 480 x 320 BG 2 400 x 480 480 x 400; 480 640 x 400; 480 800 x 400; 480	BG 1 160 x 160; 240; 320 240 x 160; 240; 320; 400 320 x 160; 240; 320; 400 400 x 240; 320; 400 480 x 320 BG 2 400 x 480 480 x 400; 480 640 x 400; 480 800 x 400; 480
Required compressed air connection	p	bar	4 ... 6	4 ... 6
Pneumatic push-in fitting	Ø	mm	6	6
Distance between conveyors	a	mm	45; 90; 135	45; 90; 135

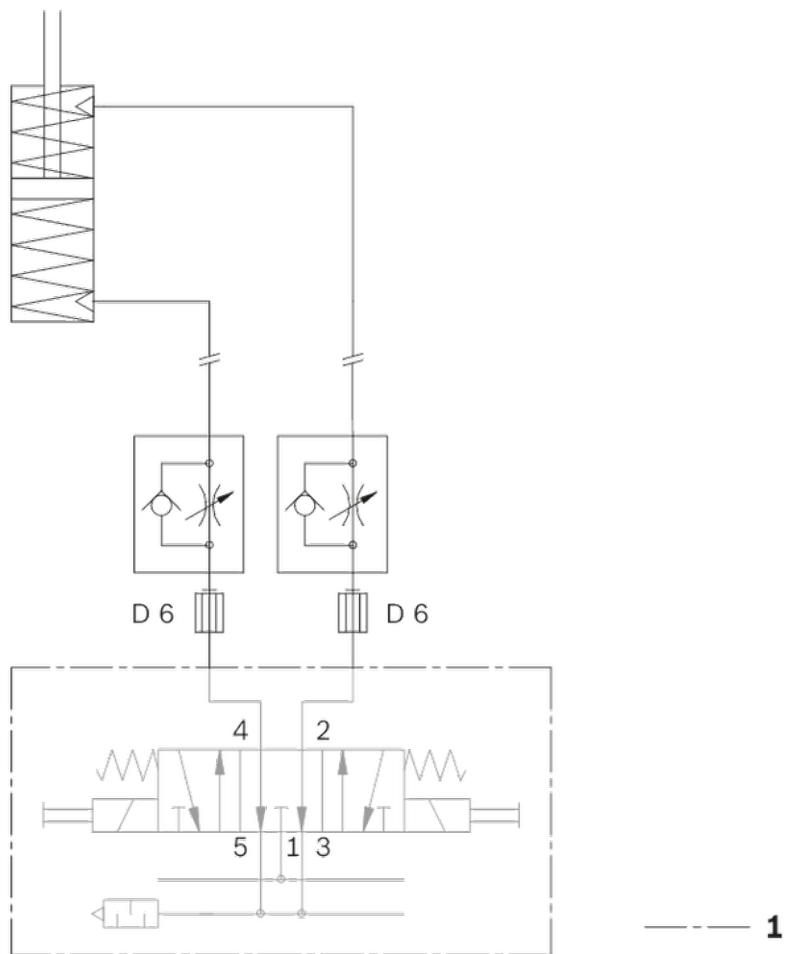
Symbols/Circuit diagrams

Circuit diagram for unit with pneumatic equipment for two positions PN = 2, BG 1



1) Not included in the scope of delivery

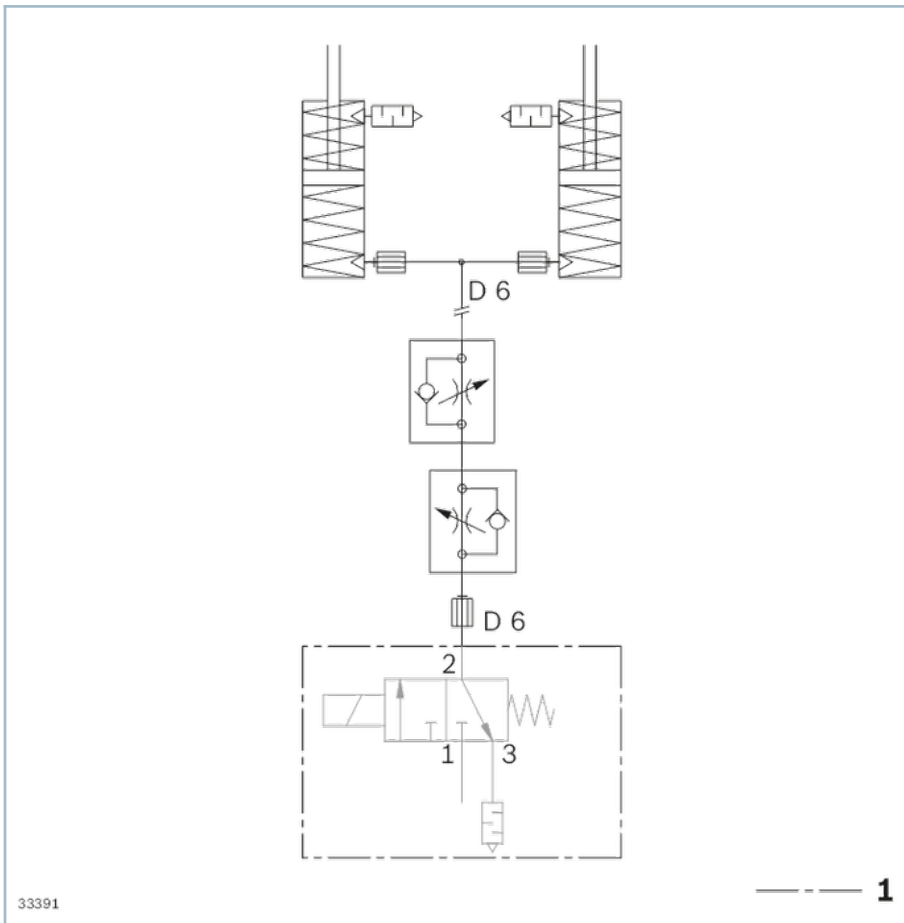
Circuit diagram for unit with pneumatic equipment for three positions PN = 3, BG 1



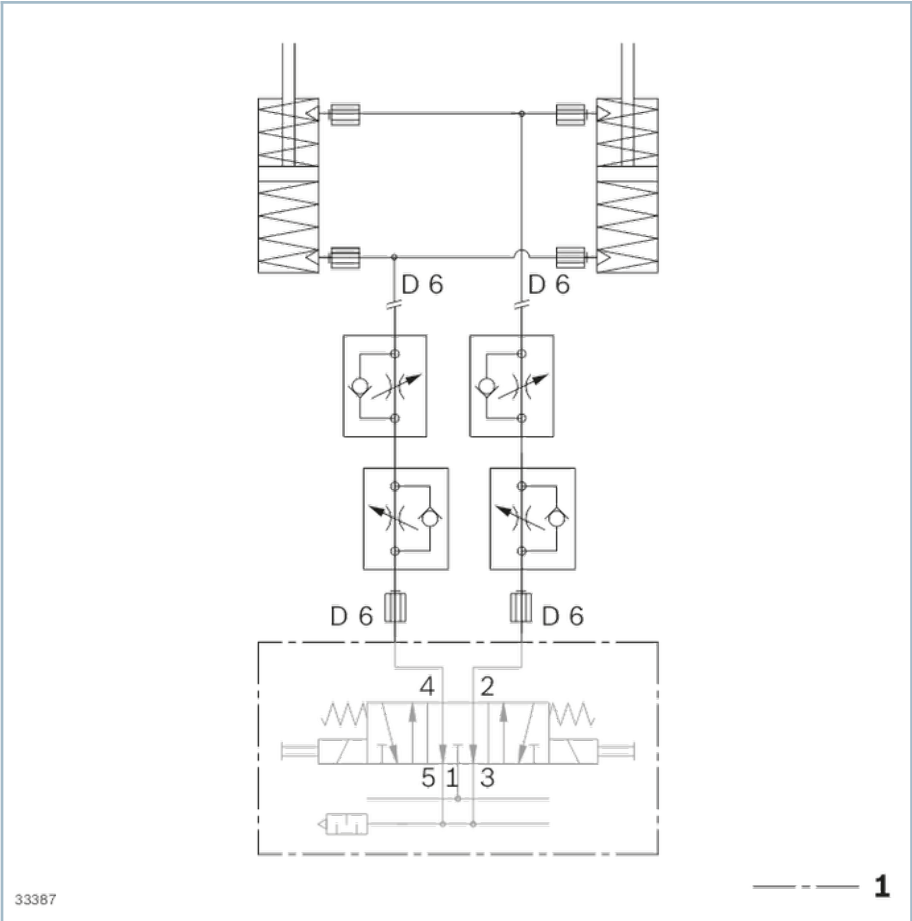
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1) Not included in the scope of delivery

Circuit diagram for unit with pneumatic equipment for two positions PN = 2, BG 2

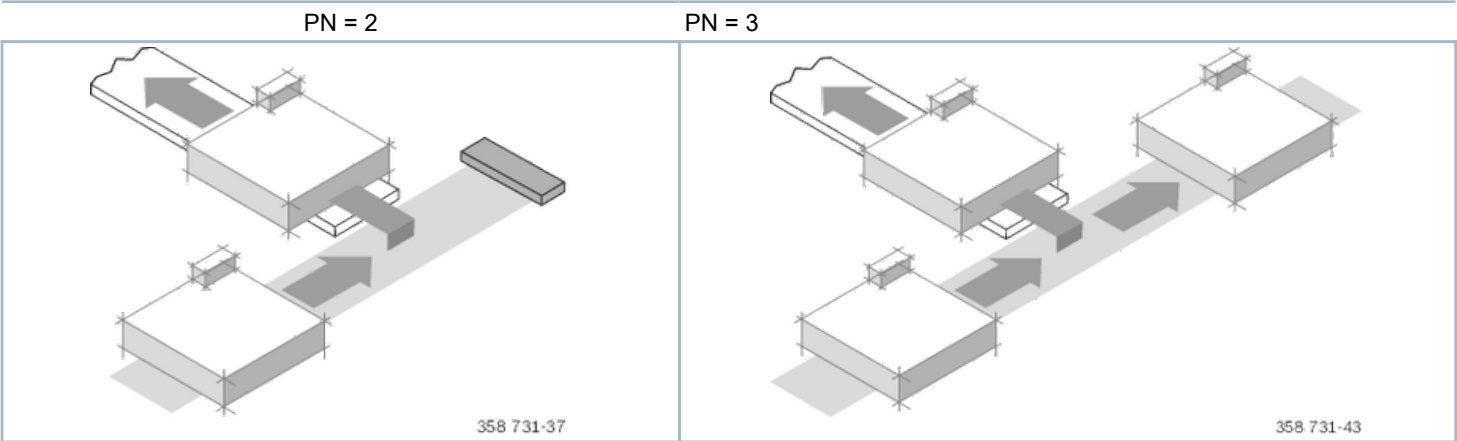


Circuit diagram for unit with pneumatic equipment for three positions PN = 3, BG 2



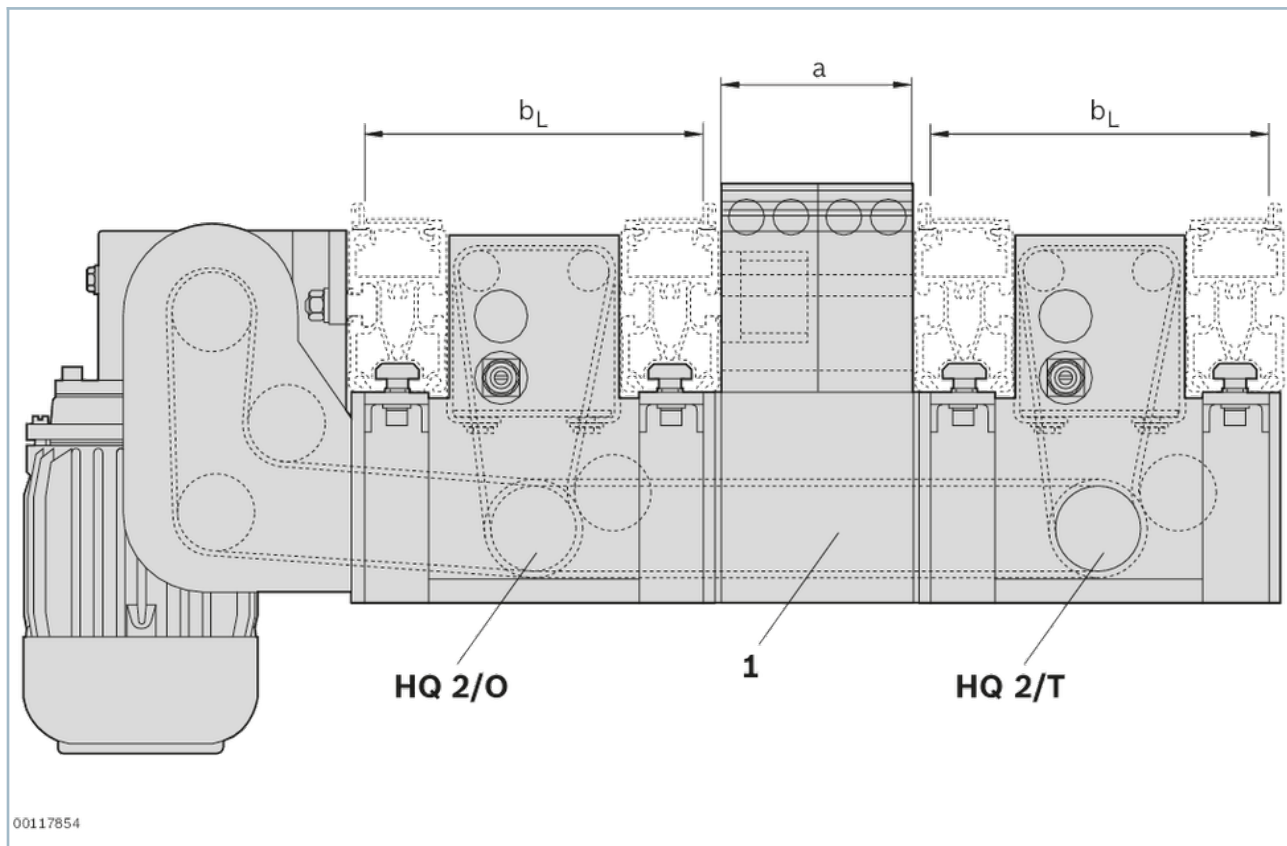
1) Not included in the scope of delivery

Pneumatic equipment



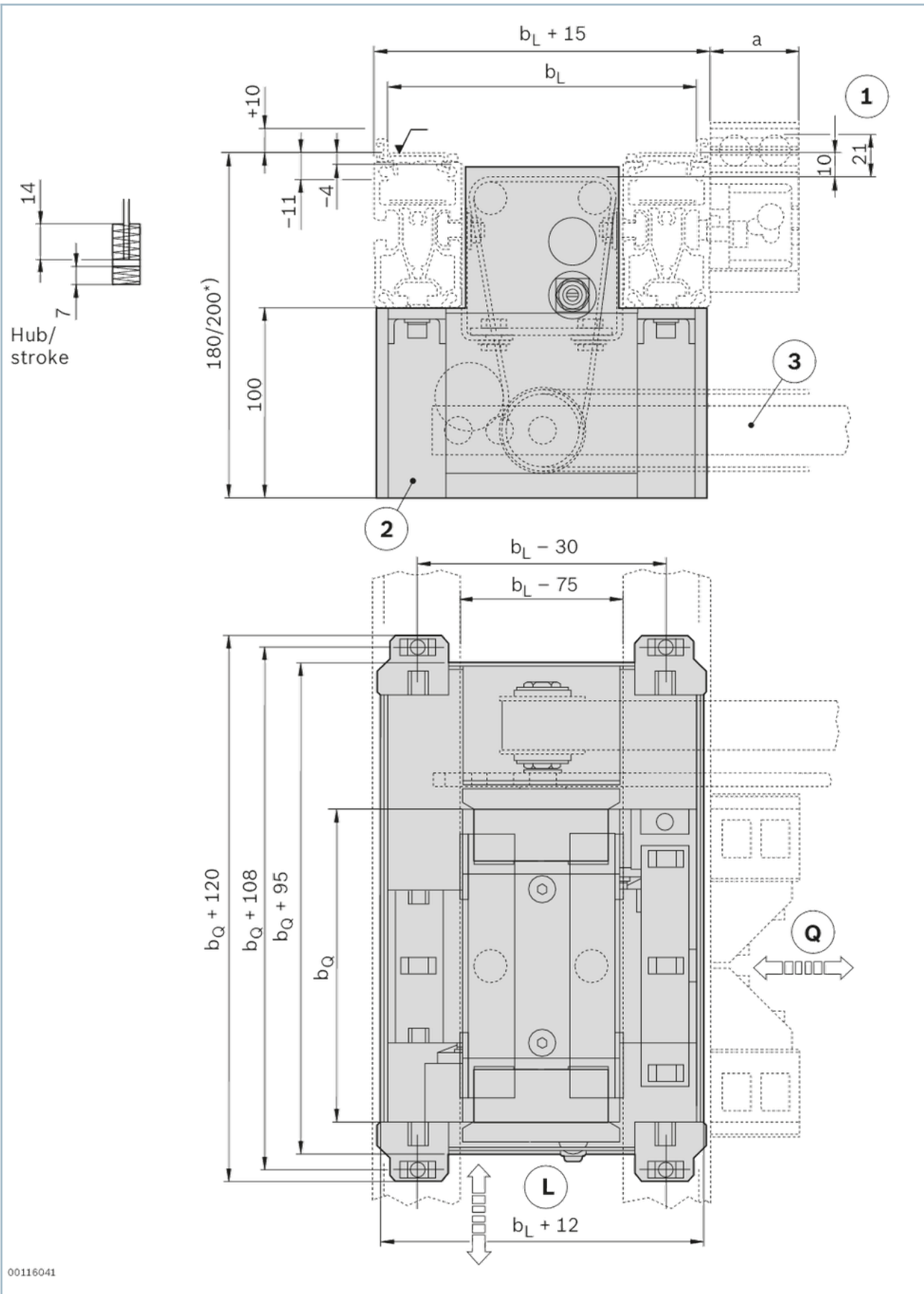
Dimensions

Lift Transverse Unit HQ 2/T



1) Drive kit

Lift Transverse Unit HQ 2/T



L Transport direction of longitudinal section

Q Transport direction of transverse section

1 Stroke

2 Housing element

3 Drive kit for HQ 2/O-HQ 2/T

*) 180 mm with profile height of 80 mm, 200 mm with profile height of 100 mm

Accessories

Required accessories

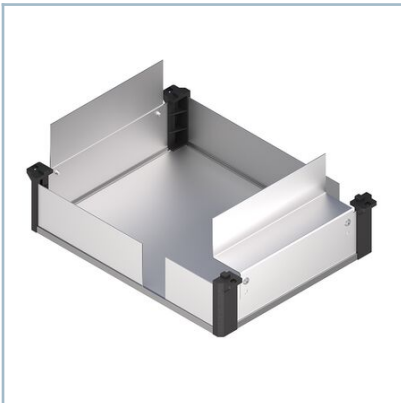
1x M12x1 sensor with rated sensing range S for each position inquiry $v_N = 4$ mm

Housing Element SK 2

Recommended accessories

Damper DA 2/60 for the outfeeding of workpiece pallets at $v_N > 9$ m/min

Rocker WI 2/..., WI/M and dampers DA 2/60, DA 2/100-C for BG 2 for the infeeding of workpiece pallets



Housing Element SK 2

- Housing element for HQ 2/T
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M12 sensor with M12x1 push-in fitting



M12 sensor with M8x1 push-in fitting

Delivery notes

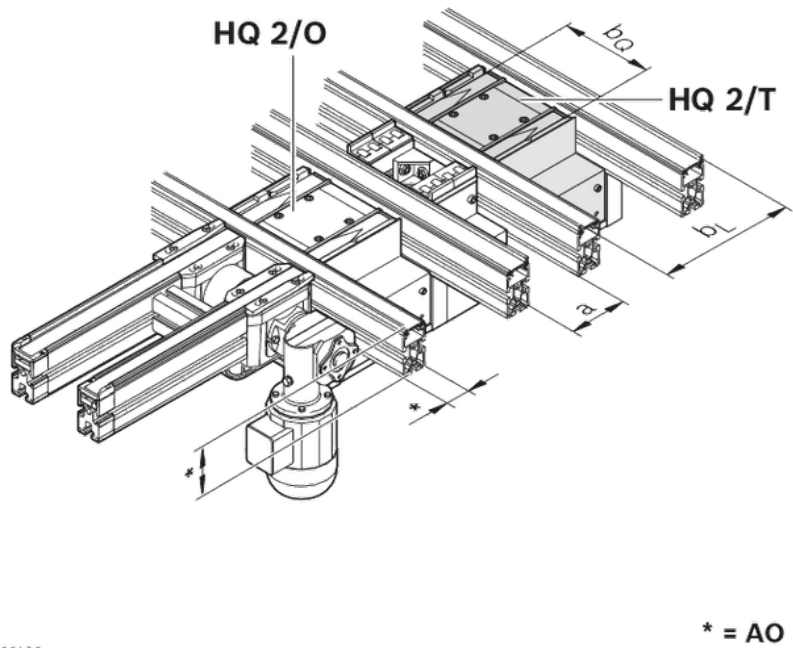
Scope of delivery

Incl. fastening material
Pneumatic equipment for two or three positions
Assembly kit for electrical position inquiry
Incl. drive kit (required to drive an HQ 2/T)

Condition of Delivery

Fully assembled

Ordering codes



Order Parameter

No.		3842998114	3842999031
b_Q (mm)	Track width in the transverse conveyor	160; 240; 320; 400; 480; 640; 800	
b_L (mm)	Track width in the longitudinal conveyor	160; 240; 320; 400; 480	

b _Q x b _L (mm x mm)	Combination Options	BG 1 160 x 160; 240; 320 240 x 160; 240; 320; 400 320 x 160; 240; 320; 400 400 x 240; 320; 400 480 x 320 BG 2 400 x 480 480 x 400; 480 640 x 400; 480 800 x 400; 480
a (mm)	Distance between conveyors	45; 90; 135
AO	Installation location, profile 0 = profile 45x80 1 = profile 45x100 2 = profile 50x100	0; 1; 2
PN ¹⁾	Pneumatic equipment 2: lift position top and center position 3: lift position top, center and bottom position	2; 3

1) PN = 2: Hubstellung obere und mittlere Stellung
PN = 3: Hubstellung obere, mittlere und untere Stellung

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