

Lift Transverse Unit HQ 2/U



- Lift transverse unit for feeding out of a from longitudinal section into a transverse section and vice versa
- Use in tight spaces by means of suspended drive motor (outside dimensions must be no wider than the section)

 Assembly instructions

- Drive by toothed belt coupling is not possible because of the compact design
- 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

Product description

Energy efficiency – Rexroth 4EE

Technical data

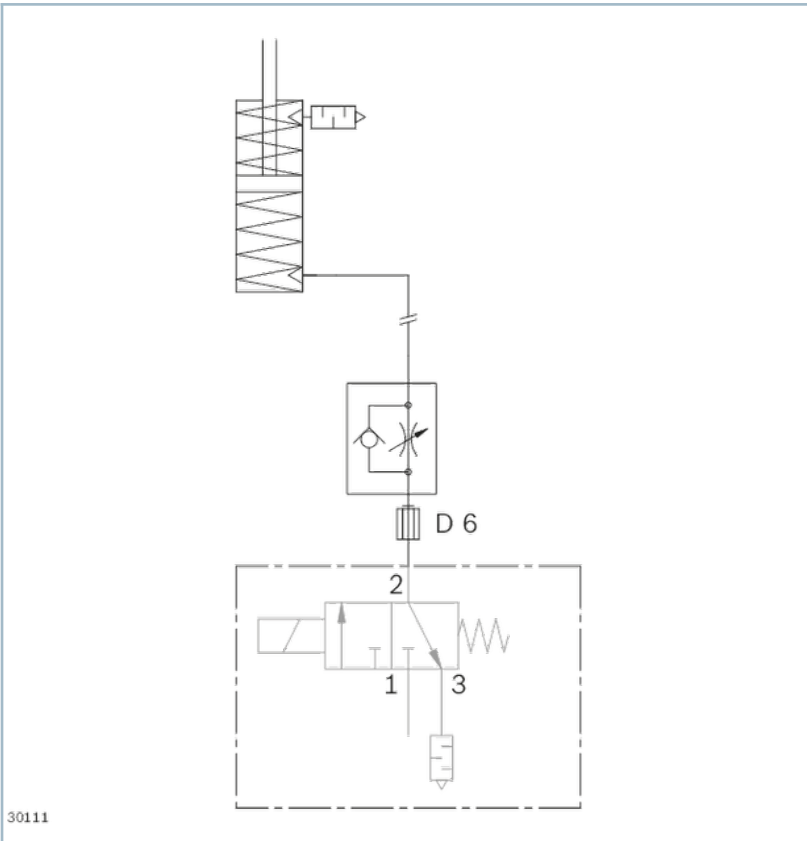
No.			3842999903	3842999032
Max. total weight of workpiece pallet	m _G	kg	30	30
ESD			yes	yes
Reversible operation			Reversible operation possible	Reversible operation possible
Combination Options	b _Q x b _L	mm x mm	160 x 160; 240; 320 240 x 160; 240; 320; 400 320 x 160; 240; 320; 400 400 x 240; 320; 400 480 x 320	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
Required compressed air connection	p	bar	4 ... 6	4 ... 6
Pneumatic push-in fitting	Ø	mm	6	6

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Transport and nominal speed vN

-
Compressed air consumption of TS 2plus units

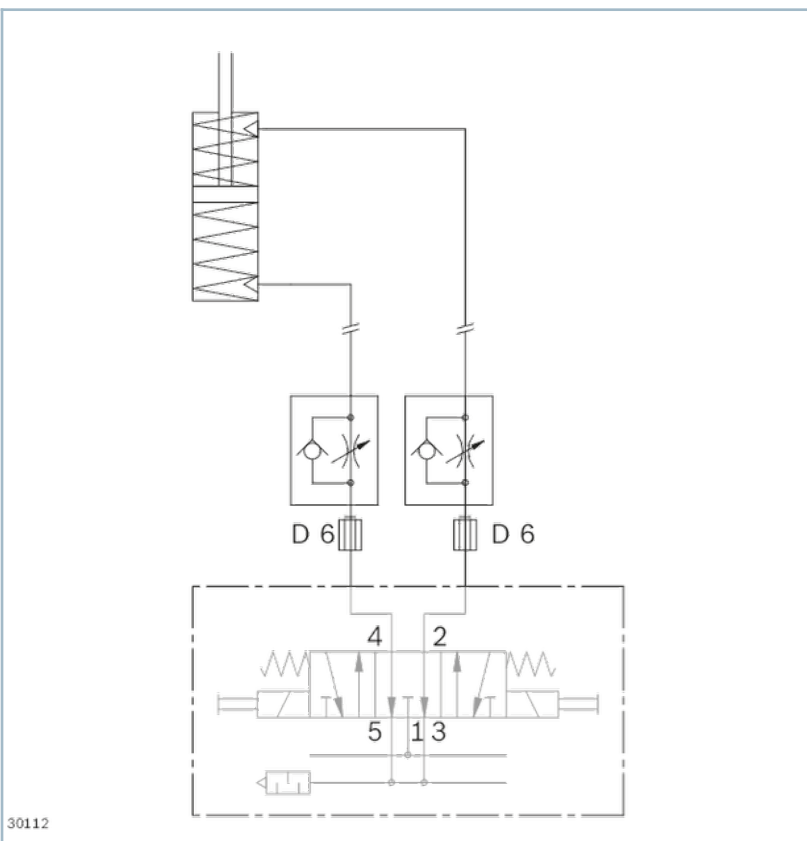
Symbols/Circuit diagrams

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



1) Not included in the scope of delivery

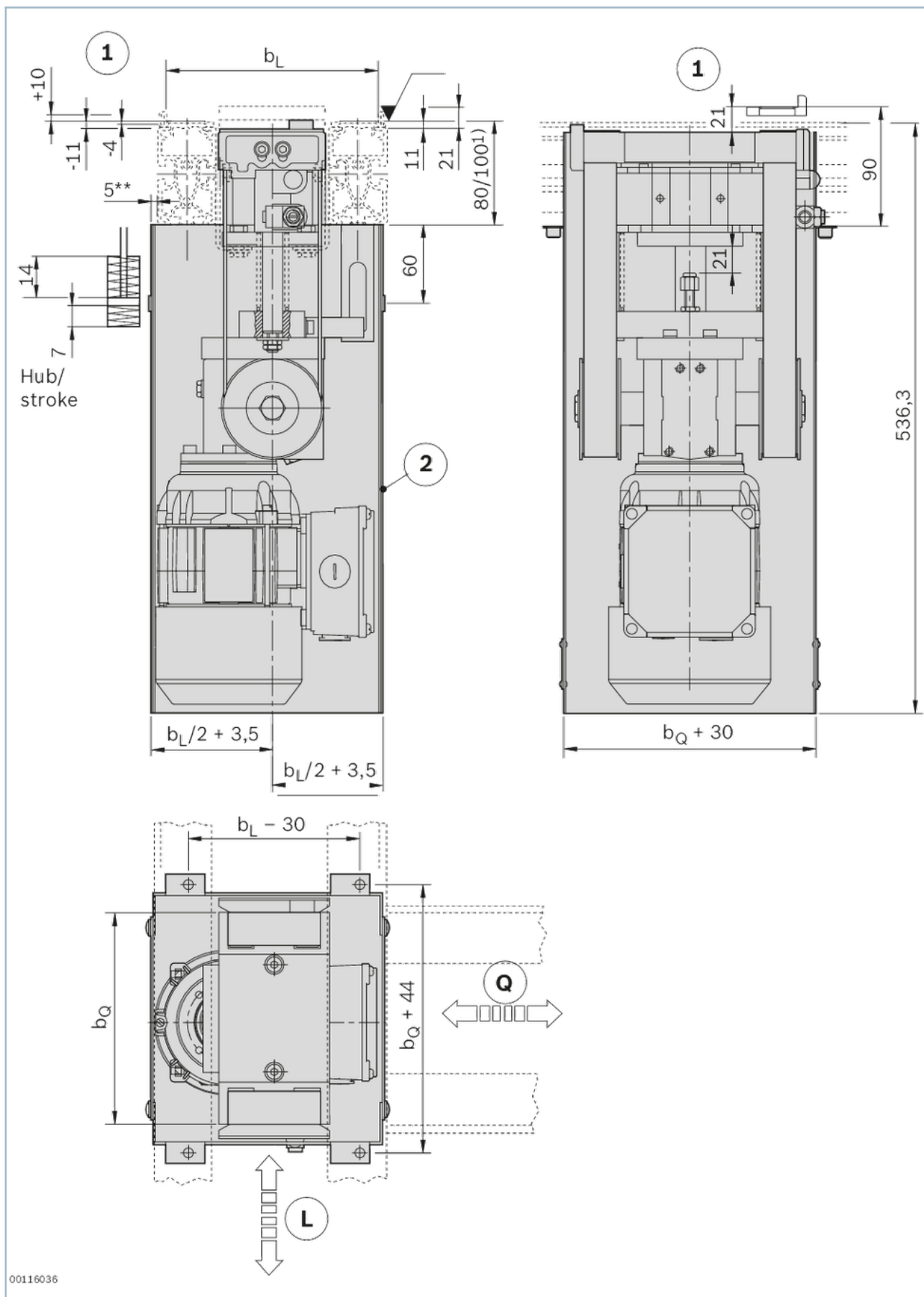
Circuit diagram for unit with pneumatic equipment for three positions PN = 3



1) Not included in the scope of delivery

Dimensions

Lift Transverse Unit HQ 2/U



L Transport direction of longitudinal section

Q Transport direction of transverse section

1 Stroke

2 Housing element

** With b only $L = 160$ mm

¹⁾ Profile height

Accessories

Required accessories

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

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



M12 sensor with M12x1 push-in fitting



M12 sensor with M8x1 push-in fitting

Delivery notes

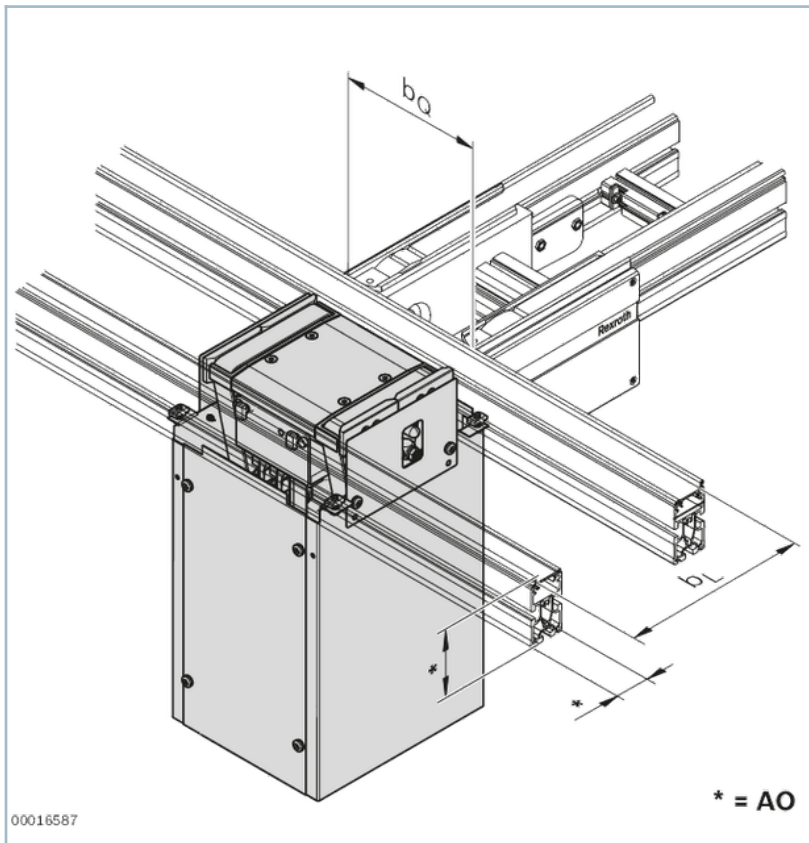
Scope of delivery

Incl. fastening material
 Pneumatic equipment for two or three positions
 Assembly kit for electrical position inquiry
 Protective housing

Condition of Delivery

Fully assembled
 Kit for electrical position inquiry included

Ordering codes



Order Parameter

No.		3842999903	3842999032
b_Q (mm)	Track width in the transverse conveyor	160; 240; 320; 400; 480	
b_L (mm)	Track width in the longitudinal conveyor	160; 240; 320; 400	

$b_Q \times b_L$ (mm x mm)	Combination Options	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
v_N (m/min) ¹⁾	Nominal speed	0; 6; 9; 12; 15; 18
U, f (V, Hz)	Voltage, frequency	see motor data
AO	Installation location, profile 0 = profile 45x80 1 = profile 45x100 2 = profile 50x100	0; 1; 2
AT	Motor connection S: cable/plug K: terminal box	S; K
PN ²⁾	Pneumatic equipment 2: lift position top and center position 3: lift position top, center and bottom position	2; 3

1) $v_N = 0$: without motor or gear

2) PN = 2: Hubstellung obere und mittlere Stellung

PN = 3: Hubstellung obere, mittlere und untere Stellung

	No.
Lift Transverse Unit HQ 2/U	3842999903
	38429999032