

Lift Transverse Unit HQ 2/U2



- 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

- Reinforced version of HQ 2/U with two lift cylinders for large workpiece pallet dimensions
- 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

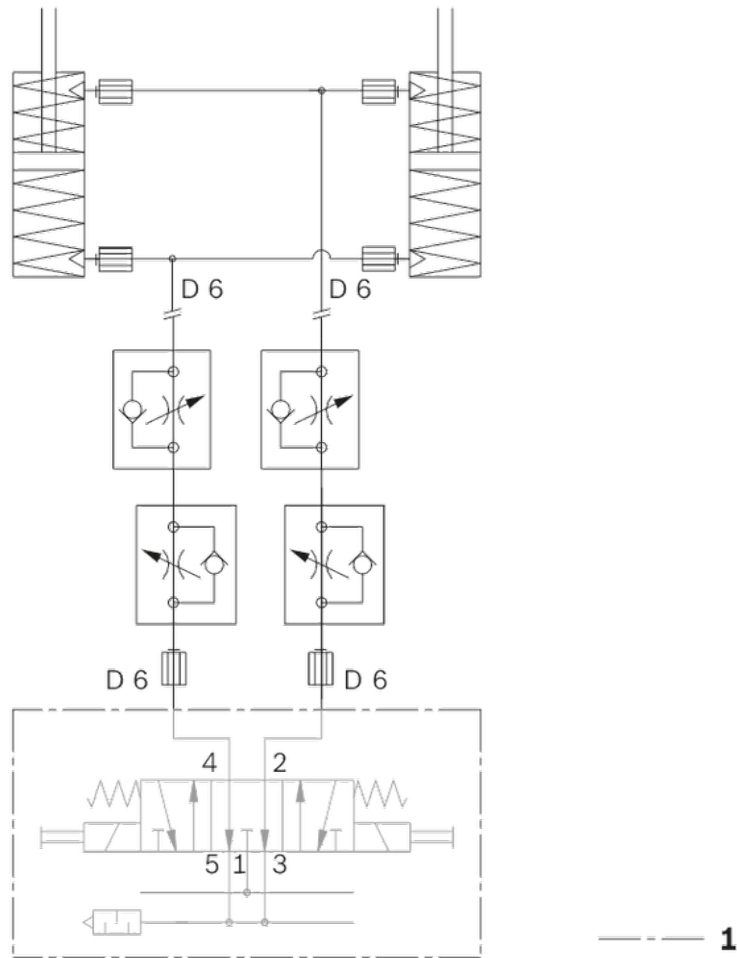
No.			3842999843	3842999033
Max. total weight of workpiece pallet	m_G	kg	50	50
ESD			yes	yes
Reversible operation			Reversible operation possible	Reversible operation possible
Combination Options	$b_Q \times b_L$	mm x mm	400 x 400; 480; 640 480 x 400; 480; 640 640 x 400; 480; 640 800 x 400; 480; 640	400 x 400; 480; 640 480 x 400; 480; 640 640 x 400; 480; 640 800 x 400; 480; 640
Required compressed air connection	p	bar	4 ... 6	4 ... 6
Pneumatic push-in fitting	Ø	mm	6	6

-
Transport and nominal speed vN

-
Compressed air consumption of TS 2plus units

Symbols/Circuit diagrams

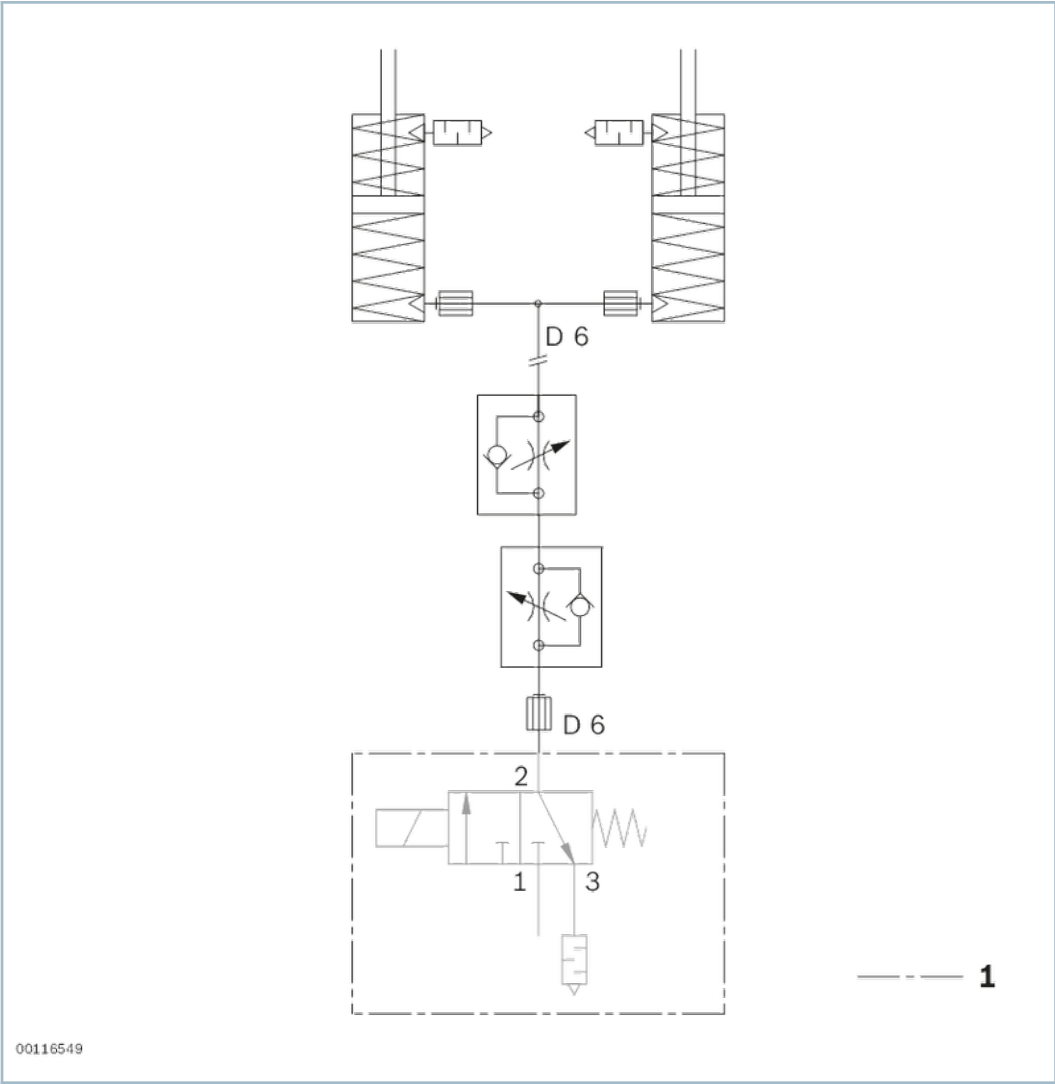
Circuit diagram for unit with pneumatic equipment for three positions PN = 3



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1) Not included in the scope of delivery

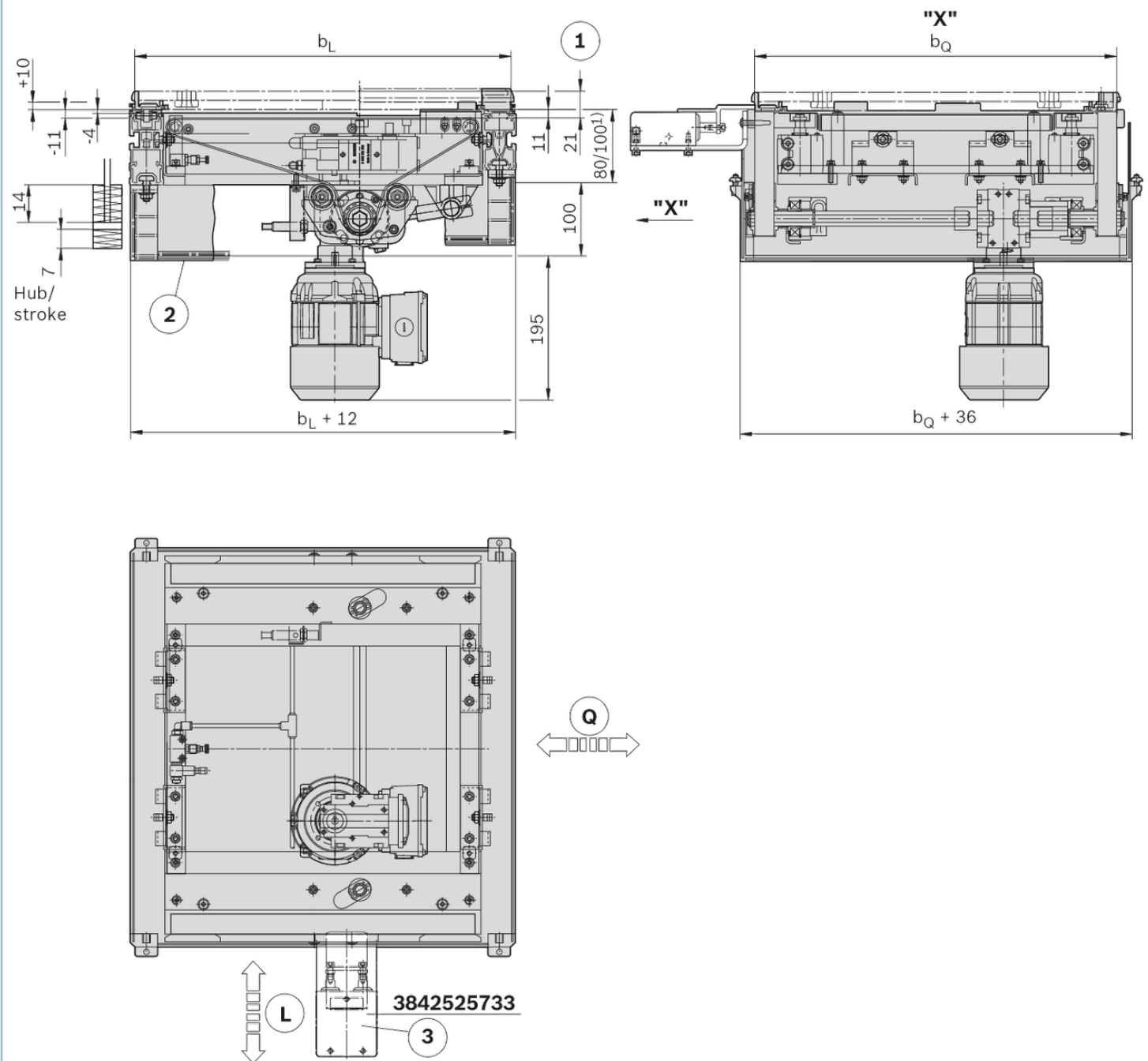
Circuit diagram for unit with pneumatic equipment for two positions PN = 2



1) Not included in the scope of delivery

Dimensions

Lift Transverse Unit HQ 2/U2



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L Transport direction of longitudinal section

Q Transport direction of transverse section

1 Stroke

2 Housing element

3 Damped stop

1) Profile height

Accessories

Required accessories

1x M12x1 sensor with rated sensing range S for each position inquiry_N = 4 mm

Recommended accessories

Damper DA 2/100-B for outfeeding of the workpiece pallets WT 2, WT 2/F, WT 2/H or WT 2/F-H; required for $v_N > 12$ m/min or total weight of workpiece pallet ≥ 30 kg

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



M12 sensor with M12x1 push-in fitting



M12 sensor with M8x1 push-in fitting

Delivery notes

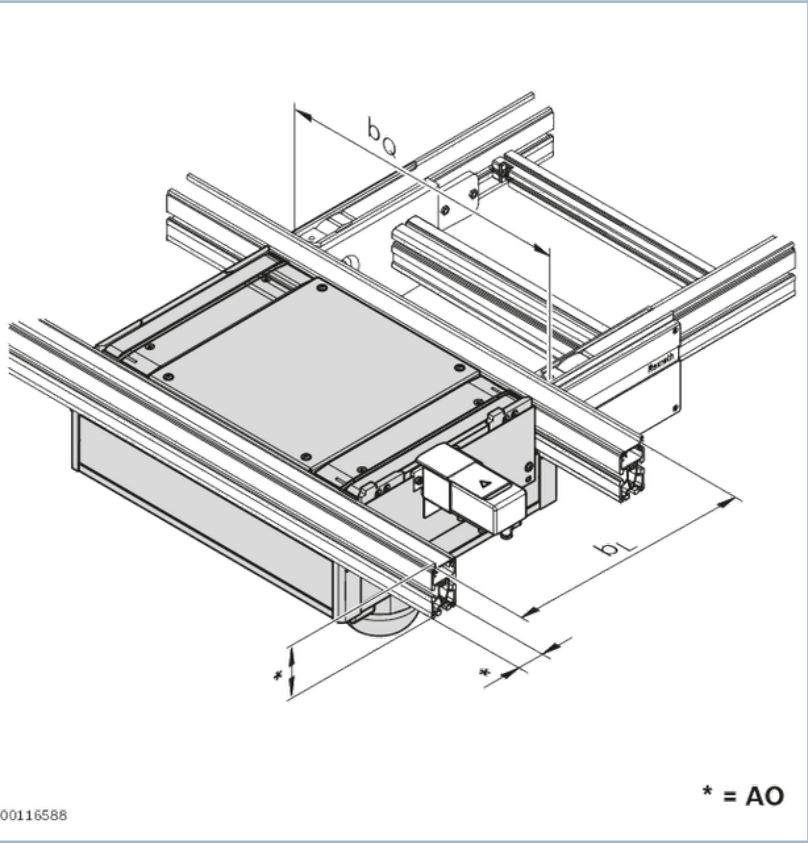
Scope of delivery

- 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
- Kit for housing element included

Ordering codes



Order Parameter

No.		3842999843	3842999033
b _Q (mm)	Track width in the transverse conveyor	400; 480; 640; 800	
b _L (mm)	Track width in the longitudinal conveyor	400; 480; 640	

$b_Q \times b_L$ (mm x mm)	Combination Options	400 x 400; 480; 640 480 x 400; 480; 640 640 x 400; 480; 640 800 x 400; 480; 640
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

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