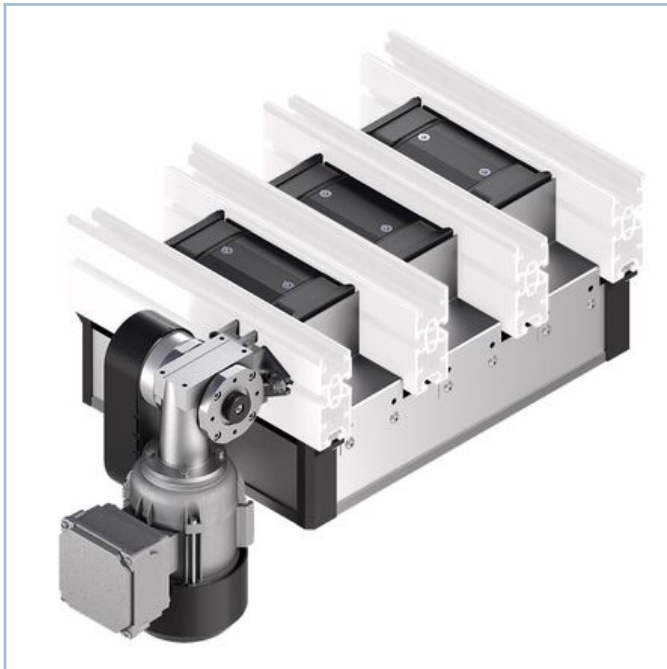


EQ 2/TR-90 Electrical Transverse Conveyor



- Complete macro module for connecting two parallel longitudinal sections at a distance of 90 mm from one other
- With driven intermediate sections

 Assembly instructions

- Modular unit with three 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
- Accumulation operation not permitted

Product description

Energy efficiency – Rexroth 4EE

Technical data

No.			3842998289	3842999041
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 x 160	160 x 160 240 x 160
Required compressed air connection	p	bar	4 ... 6	4 ... 6
Pneumatic push-in fitting	Ø	mm	6	6
Distance between conveyors	a	mm	90	90

-

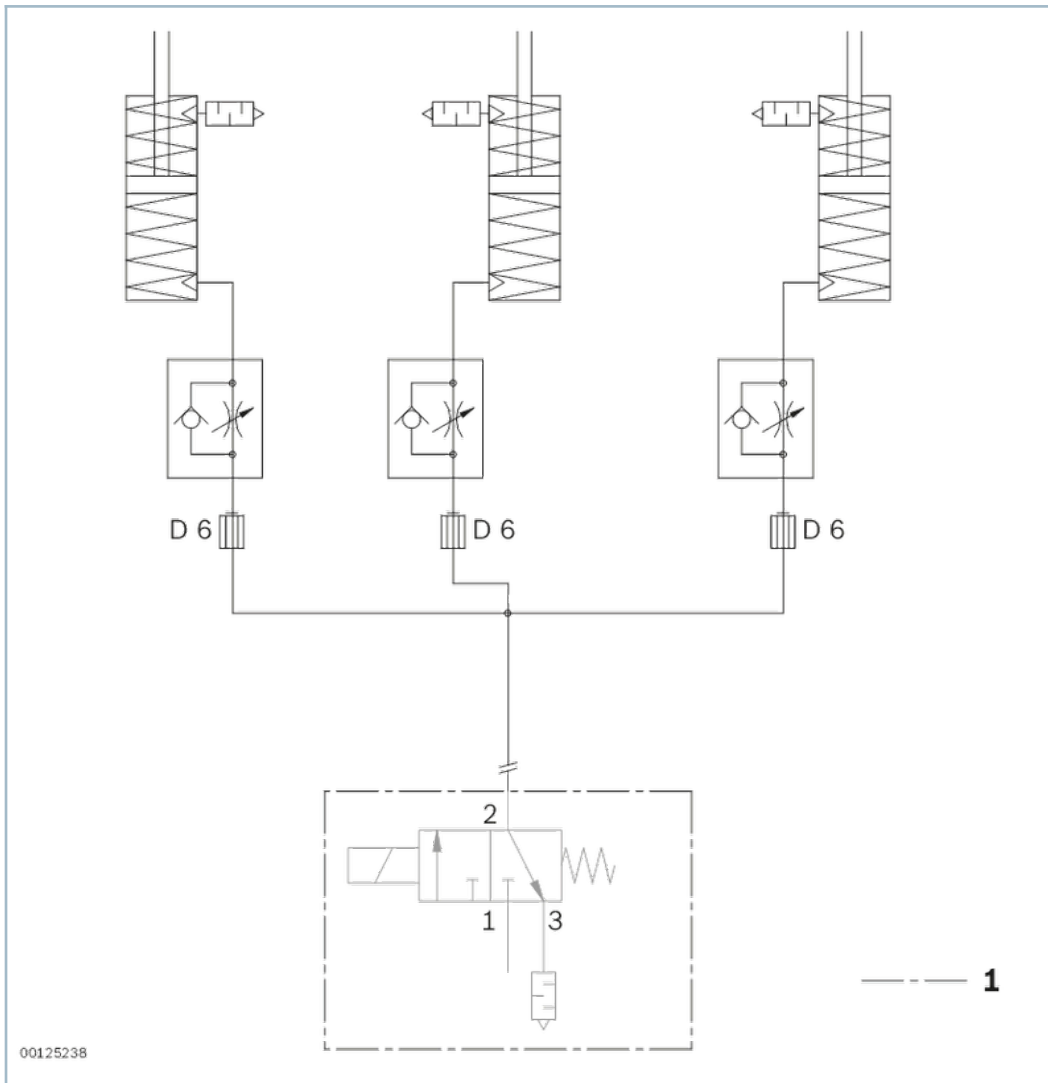
Transport and nominal speed vN

-

Compressed air consumption of TS 2plus units

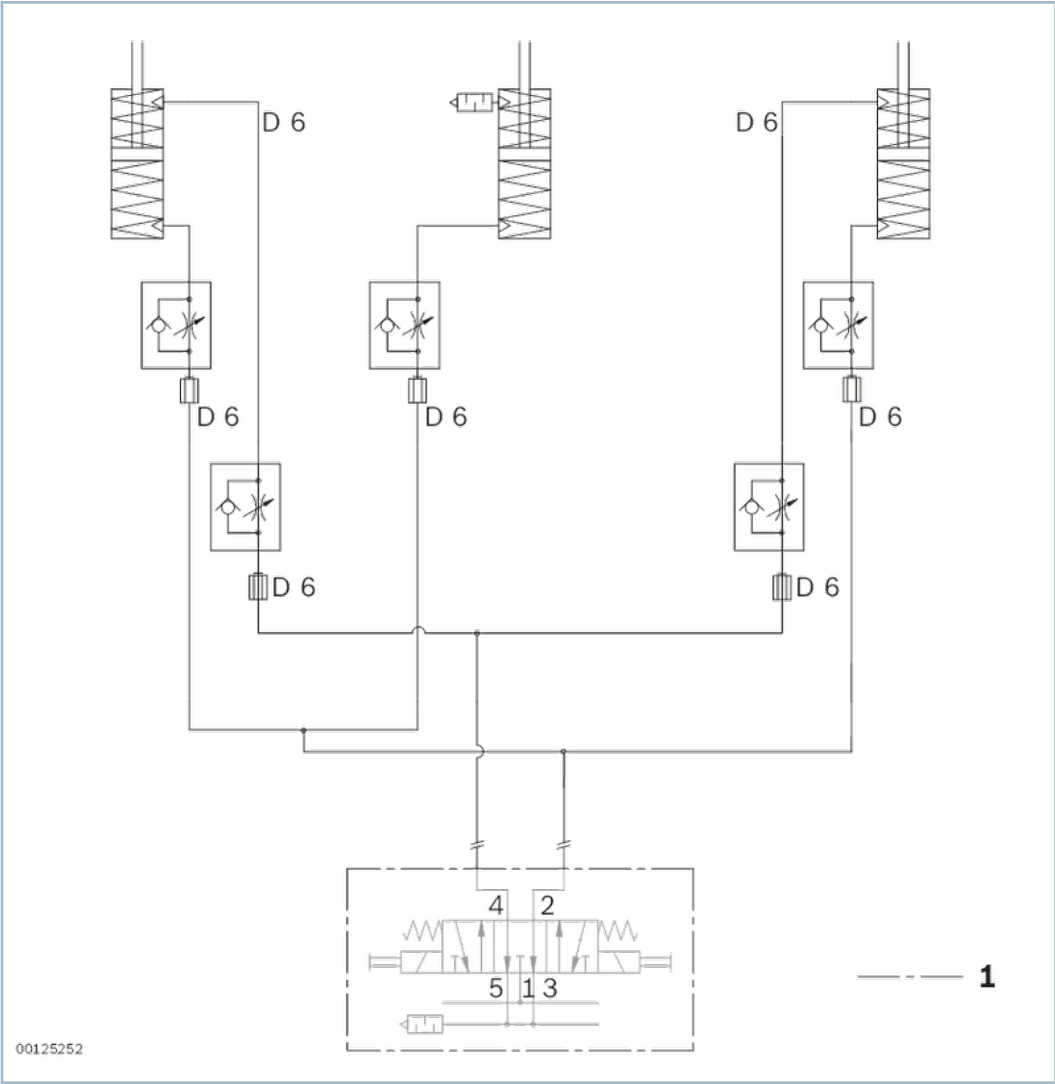
Symbols/Circuit diagrams

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



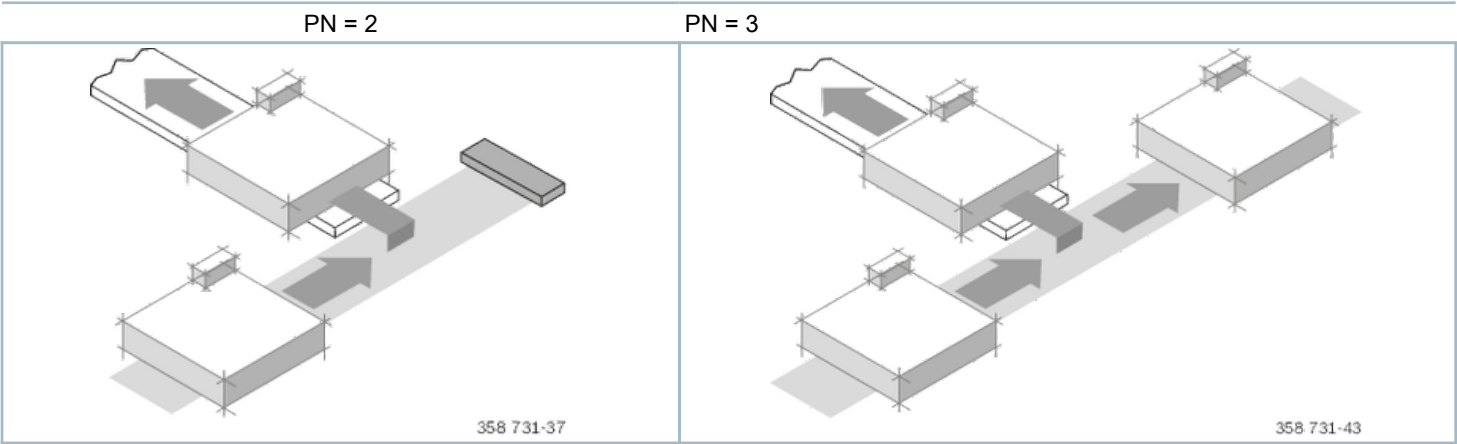
1) Not included in the scope of delivery

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



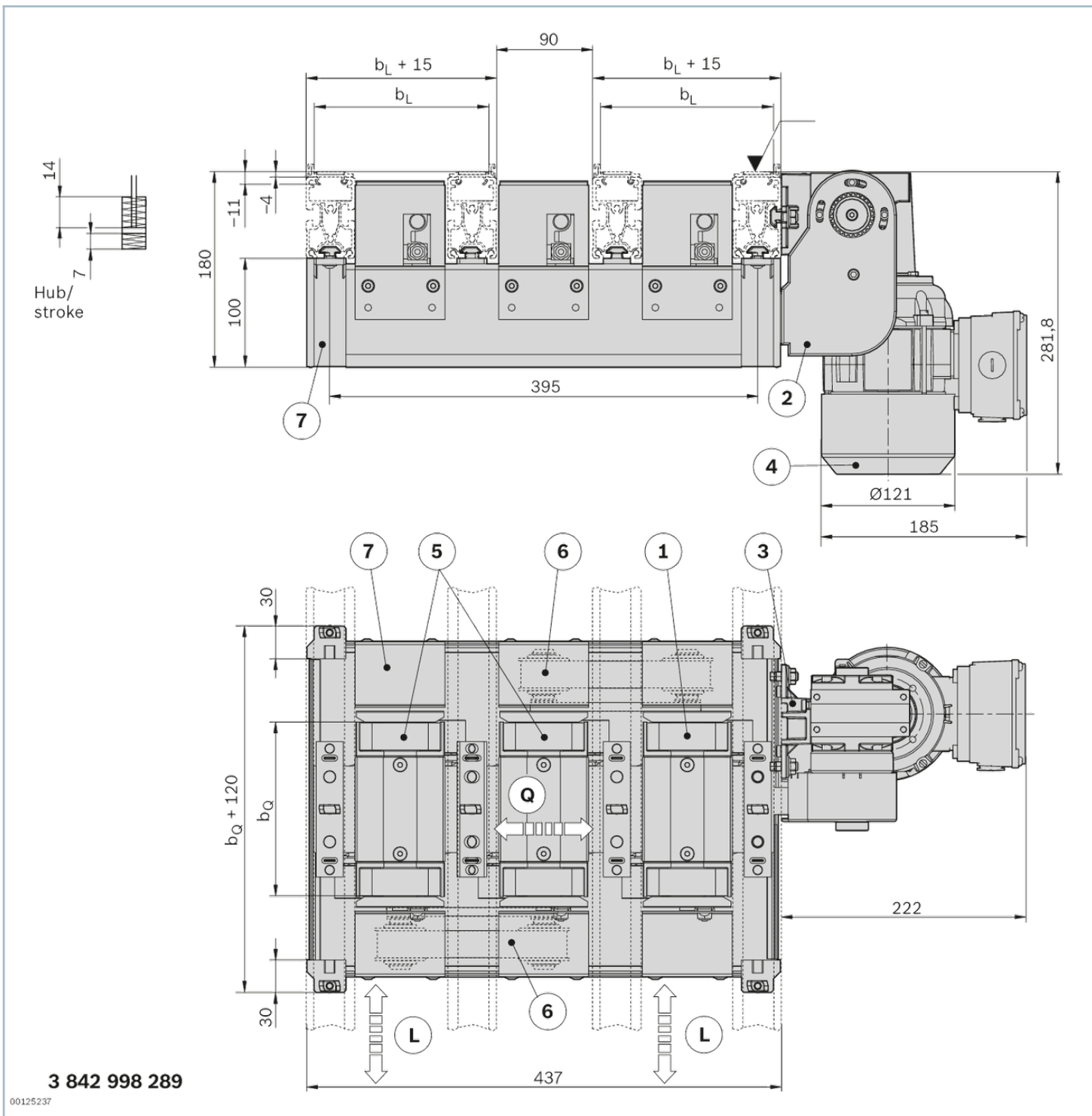
1) Not included in the scope of delivery

Pneumatic equipment



Dimensions

Presentation for AO = 0



Presentation for AO = 0

Accessories

Required accessories

1x M12x1 sensor with rated sensing range S for each (top/bottom) position inquiry_N = 4 mm

Recommended accessories

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

Rocker WI 2/..., WI/M and damper DA 2/60 for the infeeding of workpiece pallets WT 2 and WT 2/E



M12 sensor with M12x1 push-in fitting

Delivery notes

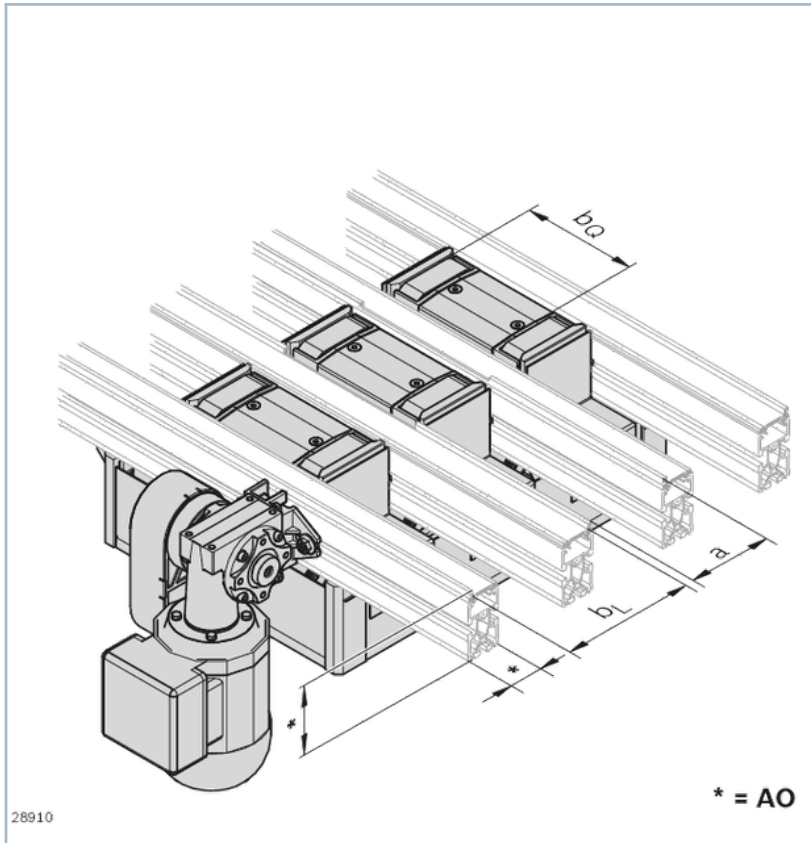
Scope of delivery

Incl. fastening material
 Pneumatic equipment for two or three positions
 Kit for electrical position inquiry (2x sensors)
 Connection kit
 Protective housing

Condition of Delivery

HQ 2/O and HQ 2/T lift transverse unit assembled
 Drive kit, assembled
 Motor attachment kit, drive motor enclosed
 Protective housing, not assembled
 Protective housing, not assembled

Ordering codes



Order Parameter

No.		3842998289	3842999041
b_Q (mm)	Track width in the transverse conveyor	160; 240	
b_L (mm)	Track width in the longitudinal conveyor	160	
$b_Q \times b_L$ (mm x mm)	Combination Options	160 x 160 240 x 160	
a (mm)	Distance between conveyors	90	
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	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

	No.
EQ 2/TR-90 Electrical Transverse Conveyor	3842998289
	3842999041