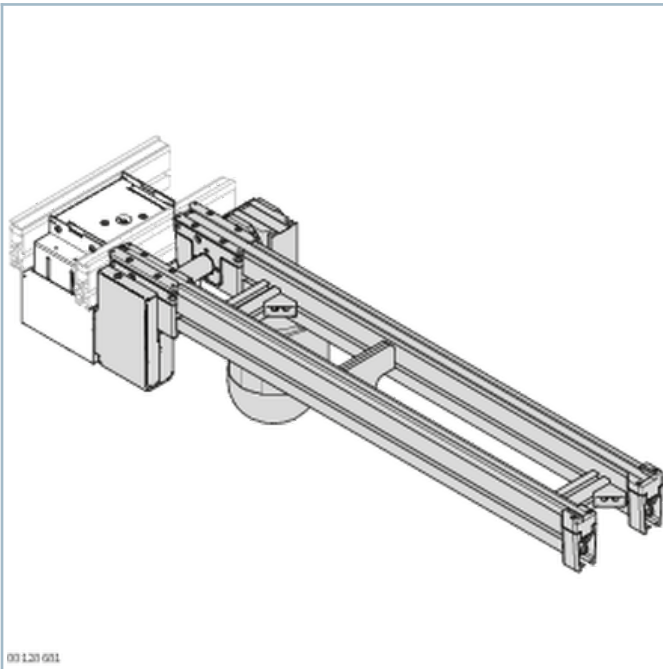


Electrical Transverse Conveyor EQ 1/TE



03130 631

- Section load up to 30 kg
- Lift cylinder – D = 25 mm
- Total stroke: 13 mm
- Motor mounting right (MA = R) or left (MA = L), with b = 160 mm also center (MA = M)
- Conveyor medium: Toothed belt with mesh top, suitable for use in an EPA

 Assembly instructions

- Pneumatic equipment for 2 (top, center) or 3 (top, center, bottom) lift positions
- Motor connection optionally with cable/plug (AT = S) or terminal box (AT = K)
- Special models on request

Product description

The electrical transverse conveyor EQ 1/TE is used as a branching off transverse section. This can be used as a dead end or the workpiece pallets may be transferred to a HQ or EQ 1/TR with its own drive at the other end to feed them back into the longitudinal conveyor. The belt section and the lift transverse unit are powered by a shared motor.

It is also suitable for use in ESD applications.

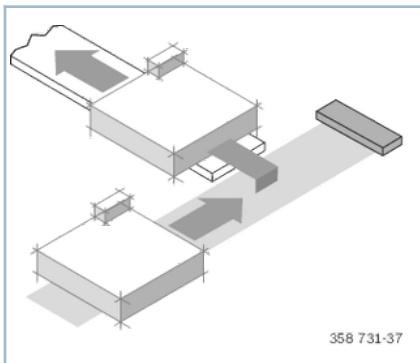
Accumulation operation on the belt section and reversible operation are permitted.

Energy efficiency – Rexroth 4EE

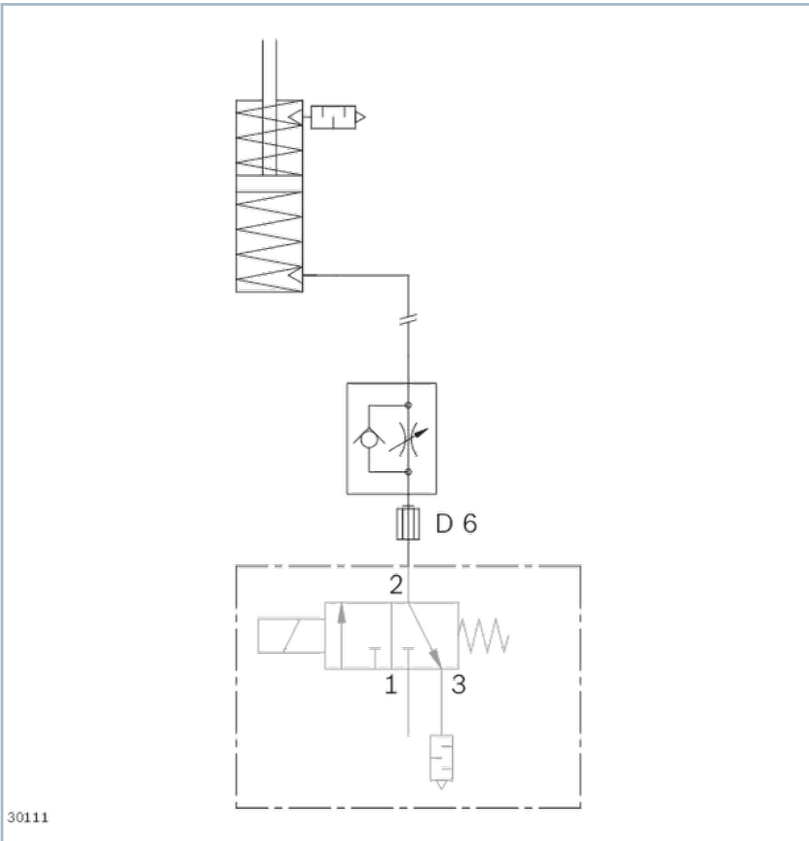
Technical data

No.			3842998014
Max. section load in accumulation operation		kg	30
ESD			yes
Cleanroom class			ISO class 7
Dry room	r.F.	%	< 1
Reversible operation			permitted
Required compressed air connection	p	bar	4 ... 6 bar
Pneumatic push-in fitting	Ø	mm	4
Length	l	mm	320 ... 5000

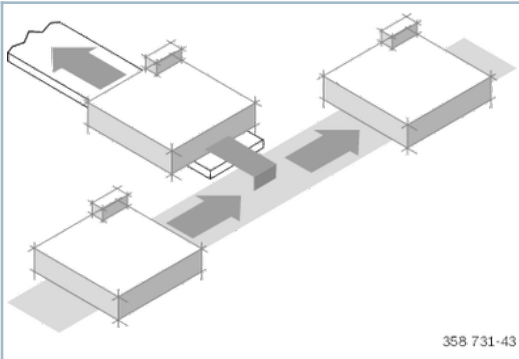
Symbols/Circuit diagrams



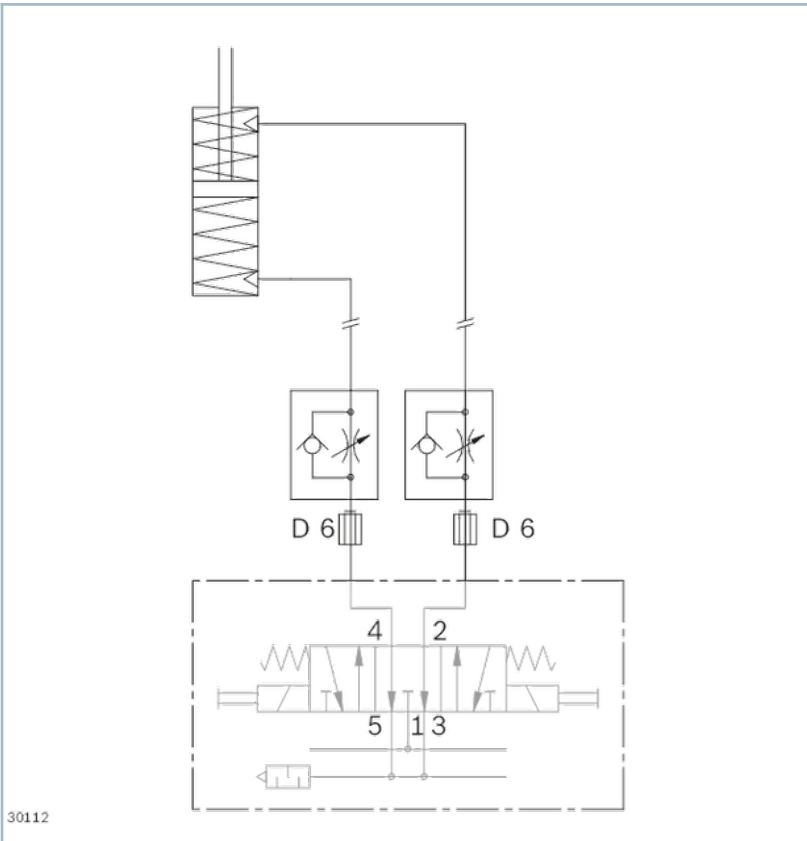
Circuit diagram for unit with pneumatic equipment for two positions PN = 2



1) Not included in the scope of delivery



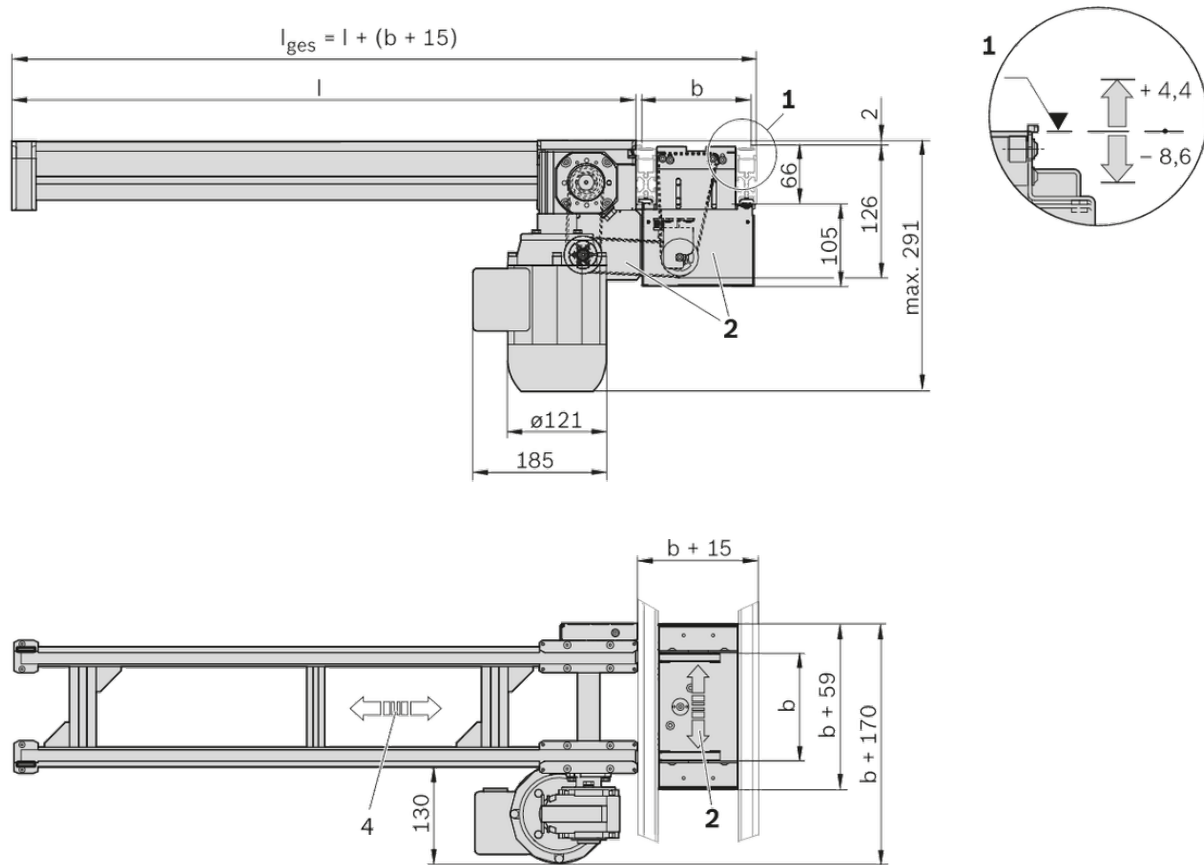
Circuit diagram for unit with pneumatic equipment for three positions PN = 3



1) Not included in the scope of delivery

Dimensions

Electrical Transverse Conveyor EQ 1/TE



00128683

Lift

Protective housings

Transport direction of longitudinal conveyor section

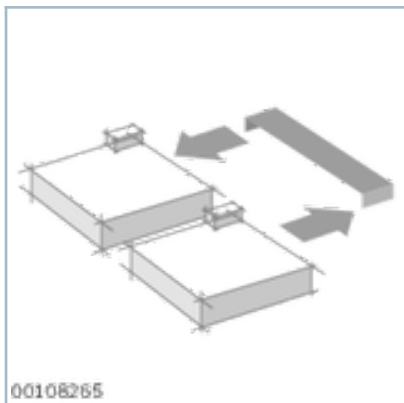
Transport direction of transverse conveyor section

Accessories

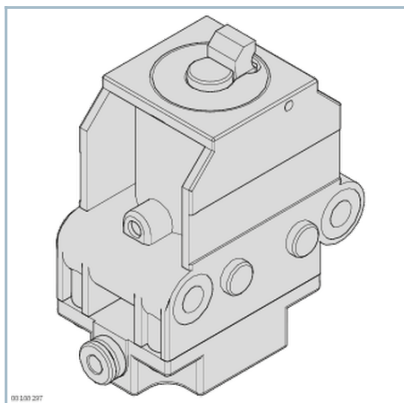
Required accessories

Two throttle non-return valves M5 for air intake throttling

Stop rail



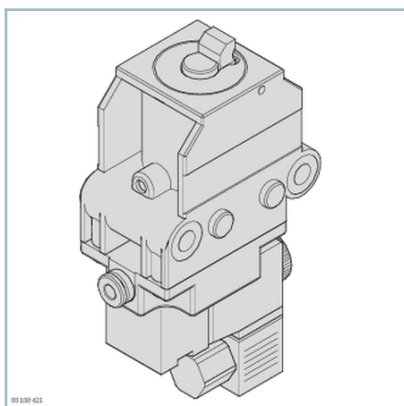
Connection Kit, Stop Rail

[PDF](#) Assembly instructions

Stop Gate VE 1

[PDF](#) Assembly instructions

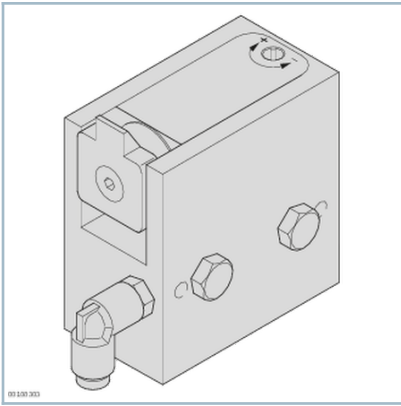
- Pneumatic stop gate. When the pressure is released the stop gate is closed by a spring and the workpiece pallet is stopped.
- Tilting stop gate; can be opened without causing abrasion on the workpiece pallet stop surface.
- Permissible total load of all workpiece pallets in the accumulation: 80 kg (with conveying speed 9



Stop Gate VE 1/V

[PDF](#) Assembly instructions

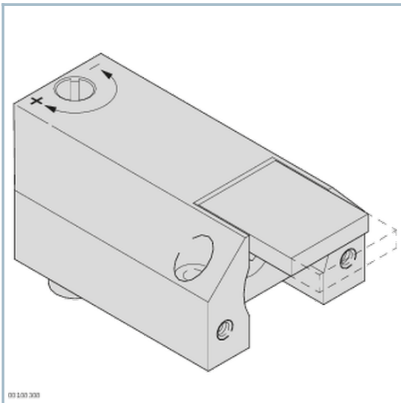
- Pneumatic stop gate. When the pressure is released the stop gate is closed by a spring and the workpiece pallet is stopped.
- Integrated solenoid valve enables short response times
- Tilting stop gate; can be opened without causing abrasion on the workpiece pallet stop surface.
- Permissible total load of all workpiece pallets in the accumulation: 80 kg (with conveying speed 9



Stop Gate, damped VE 1/D

[PDF](#) Assembly instructions

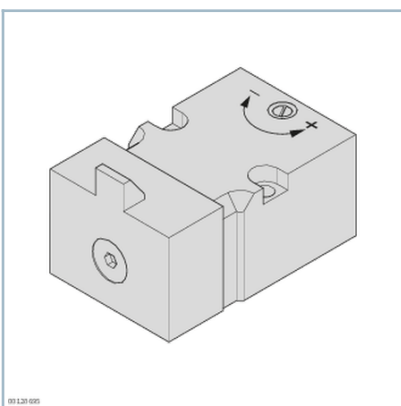
- Pneumatic stop gate. When the pressure is released the stop gate is closed by a spring and the workpiece pallet is stopped.
- Pneumatic damping can be adapted to the workpiece pallet weight
- Workpiece pallet minimum weight: 0.5 kg
- Permissible total load of all workpiece pallets in the accumulation: 12 kg (with conveying speed 6



Damper DA 1/A

[PDF](#) Assembly instructions

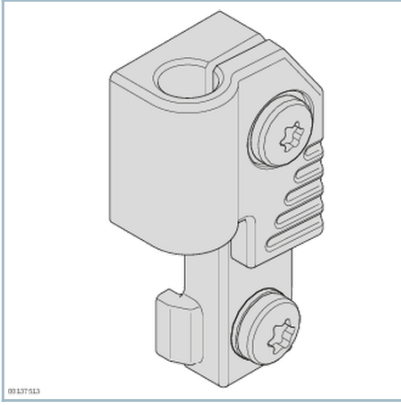
- Pneumatic damper
- Degree of damping adjustable
- Workpiece pallet load 0.5 kg to 6 kg permissible (with conveying speed 9 m/min)



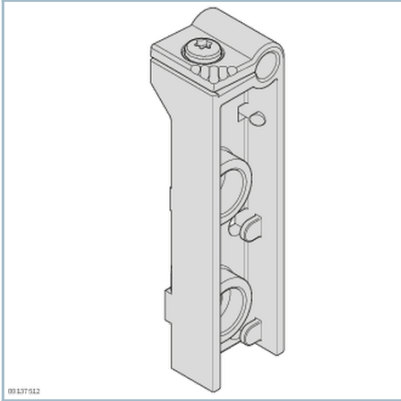
Damper DA 1/B

[PDF](#) Assembly instructions

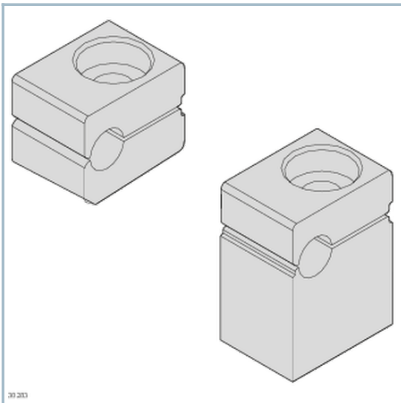
- Pneumatic damper
- Degree of damping adjustable
- Workpiece pallet load 0.5 kg to 6 kg permissible (with conveying speed 9 m/min)



Switch Bracket SH 1/U

[PDF](#) Assembly instructions

Switch Bracket SH 1/S

[PDF](#) Assembly instructions

Switch brackets SH 1/M-A and SH 1/M-B

- Setup from the half shells and in two versions possible
- Half shells: Polyamide; black

Delivery notes

Scope of delivery

HQ lift transverse unit, completely assembled

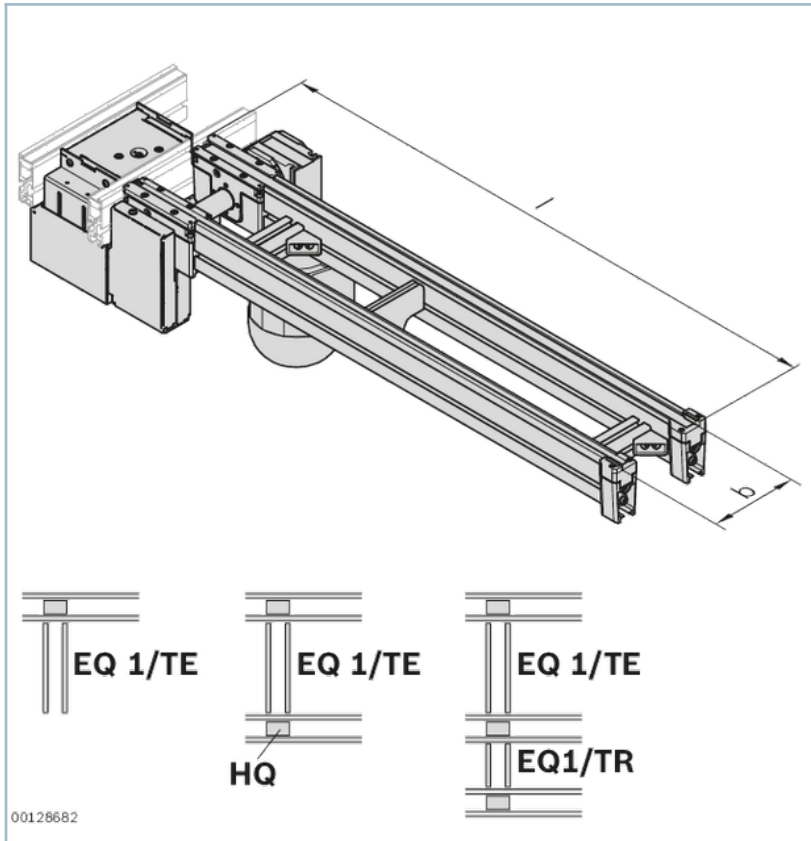
Belt Section BS 1

Protective housing

Mounting kit for the drive of the lift transverse unit

Fastening material for attachment to an ST 1 section

Ordering codes



Order Parameter

b (mm)	Track width in the direction of transport	80; 120; 160
L (mm)	Length	320 ... 5000
v_N (m/min) ¹⁾	Nominal speed	0; 6; 9; 12; 15; 18
U, f (V, Hz)	Voltage, frequency	see motor data
AT	Motor connection S: cable/plug K: terminal box	S; K
MA	Motor mounting R: right L: left M: center	R; L; M

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.
Electrical Transverse Conveyor EQ 1/TE	3842998014