

Elektrischer Quertransport EQ 1/TR, ESD-geeignet - Bosch Rexroth 3842998012

Item no. BRR-3842998012

Manufacturer Bosch Rexroth

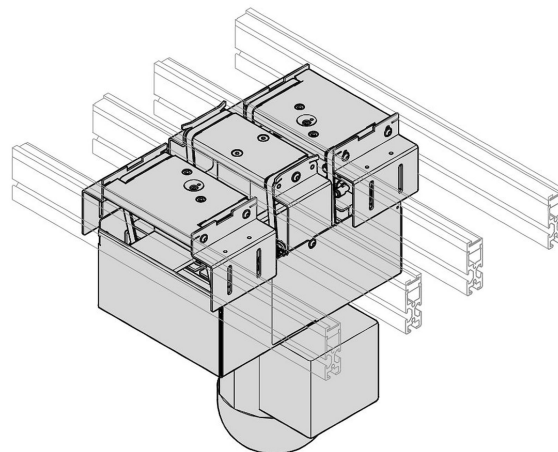
The EQ 1/TR electrical transverse conveyor links two parallel conveyor lines in the Bosch Rexroth ST 1 assembly system, bridging belt distances of 60 mm or 135 mm. The toothed-belt conveyor with mesh top is ESD-safe and rated for cleanroom class ISO 7. Pneumatic equipment supports 2 or 3 lift positions; motor connection via cable/plug or terminal box.

TECHNICAL DATA

Ausführungsklasse **TEC**

Country of Manufacture **Germany**

Weight **50 kg**

Zolltarifnummer **84313900**


00108276

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The EQ 1/TR transfers workpiece pallets between two parallel ST 1 conveyor lines at close belt distances of 60 mm or 135 mm. Its toothed-belt conveyor medium with mesh top is EPA-compatible for ESD-sensitive assemblies and rated for cleanroom class ISO 7 and dry-room conditions (<1 % relative humidity). Accumulation mode is not permitted. Energy efficiency class Rexroth 4EE.

- ESD-safe: conveyor medium and support surface EPA-compliant for electrostatic-sensitive assemblies
- Two belt-distance options: $a = 60 \text{ mm}$ or $a = 135 \text{ mm}$
- Track widths of 80, 120 or 160 mm in the direction of transport
- Lift cylinder $\varnothing 25 \text{ mm}$, total stroke 13 mm; pneumatic equipment for 2 lift positions (top/center) or 3 lift positions (top/center/bottom)
- Nominal speeds 6, 9, 12, 15 or 18 m/min ($v_N = 0$: supplied without motor and gearbox)
- Motor connection via cable/plug (AT = S) or terminal box (AT = K)
- Delivered completely assembled, including protective housing and fastening material

TECHNICAL DATA

Parameter	Value
Article number	3842998012
Max. total workpiece pallet weight (mG)	3 kg
ESD-compatible	yes
Cleanroom class	ISO class 7
Dry room (rH)	<1 %
Reversing operation	permitted
Belt distance a	60 mm / 135 mm
Track width b	80 / 120 / 160 mm
Lift cylinder	Ø 25 mm, total stroke 13 mm
Conveyor medium	Toothed belt with mesh top
Nominal speed vN	0 / 6 / 9 / 12 / 15 / 18 m/min
Required compressed air supply	4 - 6 bar
Pneumatic push-in connection	Ø 4 mm
Pneumatic equipment PN	2 (top, center) or 3 (top, center, bottom) lift positions
Motor connection AT	S (cable/plug) or K (terminal box)
Weight	50 kg