

Electrical Transverse Conveyor EQ 1/T, ESD-Suitable, 30 kg Section Load - Bosch Rexroth 3842998013

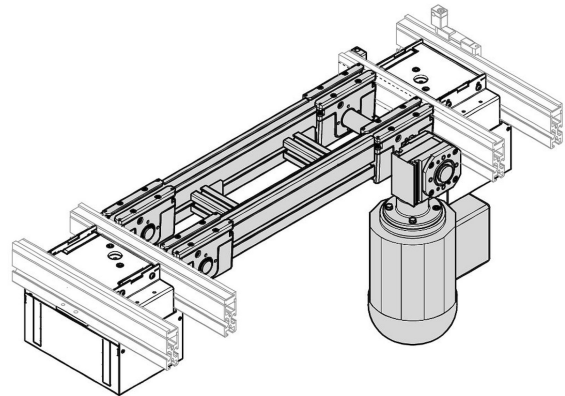
Item no. BRR-3842998013

Manufacturer Bosch Rexroth

The electrical transverse conveyor EQ 1/T transfers workpiece carriers between two parallel conveyor lines with a centre distance from 320 mm. The toothed-belt conveyor with mesh top is suitable for ESD environments and ISO Class 7 cleanrooms, handling section loads up to 30 kg in accumulation mode. Both accumulation on the belt section and reversing operation are permitted.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	84313900
Weight	0.0099 kg



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STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The EQ 1/T connects two parallel conveyor lines (centre distance $a > 320$ mm) using two lift transverse units and a belt section BS 1/T, all driven by a single shared motor. The toothed belt with mesh top makes it compatible with EPA environments and ISO Class 7 cleanrooms. Accumulation on the belt section and reversing operation are both permitted. Energy efficiency meets the Rexroth 4EE standard.

- Section load up to 30 kg in accumulation operation
- ESD-suitable: toothed belt with mesh top, rated for EPA use
- ISO Class 7 cleanroom and dry room ($rF < 1\%$)
- Track widths 80, 120 and 160 mm; length 320 to 5,000 mm
- Motor mounting right, left or ($b = 160$ mm only) centre; cable/plug or terminal box connection
- Pneumatic equipment for 2 or 3 lift positions selectable

TECHNICAL DATA

Parameter	Value
Article number	3842998013

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Parameter	Value
Max. section load (accumulation)	30 kg
ESD-suitable	yes
Cleanroom class	ISO Class 7
Dry room (rF)	< 1 %
Reversing operation	permitted
Required compressed air	4 - 6 bar
Lift cylinder	D = 25 mm, total stroke 13 mm
Track width b	80 / 120 / 160 mm
Length L	320 - 5,000 mm
Nominal speed vN	0 / 6 / 9 / 12 / 15 / 18 m/min
Motor mounting (MA)	R (right), L (left), M (centre, b = 160 mm only)
Motor connection (AT)	S (cable/plug) or K (terminal box)
Pneumatic equipment (PN)	2 (top/centre) or 3 (top/centre/bottom) lift positions
Scope of delivery	2 lift transverse units, belt section BS 1/T, 2 protective housings, 2 mounting kits, fastening material
Required accessories	2 throttle non-return valves M5, stop rail