

Electrical Transverse Conveyor EQ 1/TE, ESD-Suitable, Track Width 80-160 mm - Bosch Rexroth 3842998014

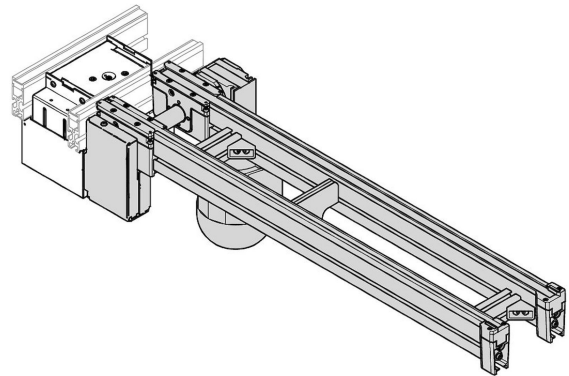
Item no. BRR-3842998014

Manufacturer Bosch Rexroth

The EQ 1/TE electrical transverse conveyor diverts workpiece carriers from a longitudinal line into a branching transverse section - either as a spur or for transfer to a further longitudinal conveyor. A single shared motor drives both the belt section and the lift transverse unit, reducing wiring and control complexity. The unit is approved for ESD applications and cleanrooms up to ISO Class 7.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	84283300
Weight	0.0099 kg



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STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The electrical transverse conveyor EQ 1/TE (article 3842998014) is used as a branching transverse section in assembly lines based on the Bosch Rexroth ST 1 transfer system. The belt section and lift transverse unit share a single motor drive, minimising wiring effort and control complexity. The unit is suitable for ESD-protected areas (EPA) and meets cleanroom class ISO 7.

- Section load in accumulation operation up to 30 kg - reliable buffering without overload risk
- Pneumatic equipment for 2 or 3 lift positions (top/centre or top/centre/bottom) - adaptable to the line layout
- Toothed belt with mesh top suitable for ESD applications (EPA-compliant)
- Cleanroom class ISO 7 and dry-room operation (r.h. < 1 %) permitted
- Reversing operation and accumulation operation on the belt section permitted
- Motor mounting right, left or (for b = 160 mm) centre; motor connection via cable/plug (AT = S) or terminal box (AT = K)
- Energy efficiency class Rexroth 4EE

TECHNICAL DATA

Parameter	Value
Article number	3842998014
Track width b	80 / 120 / 160 mm
Length L	320 - 5,000 mm
Max. section load in accumulation operation	30 kg
Lift cylinder	D = 25 mm, total stroke 13 mm
Pneumatic equipment (PN)	2 positions (top, centre) or 3 positions (top, centre, bottom)
Required compressed air connection	4 - 6 bar
Pneumatic straight connection	4 mm dia.
Nominal speed vN	0 / 6 / 9 / 12 / 15 / 18 m/min
ESD-suitable	yes
Cleanroom class	ISO Class 7
Dry room	r.h. < 1 %
Reversing operation	permitted
Motor mounting (MA)	R (right), L (left), M (centre, b = 160 mm only)
Motor connection (AT)	S: cable/plug, K: terminal box
Scope of delivery	HQ lift transverse unit (fully assembled), belt section BS 1, protective housing, mounting kit for lift transverse unit drive, fastening material for ST 1 section