

Hub-Quereinheit HQ 2/S, zahnriemenbasiert, ESD-geeignet - Bosch Rexroth 3842999888

Item no. BRR-3842999888 **Manufacturer** Bosch Rexroth

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The Lift Transverse Unit HQ 2/S transfers workpiece pallets between longitudinal and transverse conveyor sections in both directions. Its low-profile side-mounted motor design suits double-deck conveyor lines. Available in two sizes with 2 or 3 pneumatic lift positions and rated for ESD-protected areas.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
ESD-Ausführung	TEC
Weight	0.0099 kg
Zolltarifnummer	84313900



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Lift Transverse Unit HQ 2/S is a transfer unit for the Bosch Rexroth TS 2plus assembly system, designed to feed workpiece pallets out of a longitudinal section into a transverse section and back. The compact, side-mounted motor keeps the overall height low, making the unit compatible with double-deck conveyor configurations. The toothed-belt conveyor medium is ESD-rated for use in electrostatic protected areas (EPA).

- Two sizes - BG 1 (one lifting cylinder) and BG 2 (two lifting cylinders) - covering transverse track widths from 160 to 800 mm
- Pneumatic equipment for 2 lift positions (top, center) or 3 lift positions (top, center, bottom)
- Required compressed air: 4 to 6 bar; pneumatic push-in connection diameter 6 mm
- Mounts on ST 2/... sections (45 mm profile width) or ST 2/...-H sections (50 mm profile width);

compatible with WT 2/E, WT 2 and WT 2/F workpiece pallets

- Reversible operation; nominal speed 6, 12, 15 or 18 m/min (vN = 0: supplied without motor and gearbox)
- Delivered pre-assembled; includes fastening material, pneumatic equipment, and assembly kit for electrical position sensing

Technical data

Parameter	Value
Article number	3842999888
ESD-rated	Yes
Reversible operation	Yes
Size	BG 1, BG 2
Required compressed air connection	4 - 6 bar
Pneumatic push-in connection	Ø 6 mm
Transverse track width bQ	160, 240, 320, 400, 480, 640, 800 mm
Longitudinal track width bL	160, 240, 320, 400, 480 mm
Nominal speed vN	0, 6, 12, 15, 18 m/min
Mounting location / profile (AO)	0 = profile 45x80, 1 = profile 45x100, 2 = profile 50x100
Motor connection (AT)	S: cable/connector, K: terminal box
Pneumatic equipment (PN)	2: upper and center position, 3: upper, center and lower position
Conveyor medium	Toothed belt
Weight	0.0099 kg (base article; total weight depends on configuration)