

Hub-Quereinheit HQ 2/C-H, ESD-geeignet, bis 240 kg Gesamtlast - Bosch Rexroth 3842999002

Item no. BRR-3842999002 **Manufacturer** Bosch Rexroth

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The HQ 2/C-H lift transverse unit transfers workpiece pallets between longitudinal and transverse conveyor sections, handling total loads up to 240 kg. Four synchronized block cylinders provide an even, parallel lifting movement suitable for reversible operation. The flat-profile, ESD-compliant design integrates into multi-level TS 2plus assembly systems handling electrostatically sensitive components.

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 HQ 2/C-H is a pneumatic transfer unit within the Bosch Rexroth TS 2plus conveyor system. It infeed and outfeed workpiece pallets of types WT 2, WT 2/F, WT 2/H and WT 2/F-H between longitudinal and transverse tracks, supporting total pallet loads up to 240 kg at an operating pressure of 4 to 6 bar.

- **High load capacity:** Total workpiece pallet weight up to 240 kg - suited to heavy sub-assemblies in automated production.
- **Synchronized lift:** Four block cylinders raise and lower simultaneously for level, tilt-free pallet transfer at every track change.
- **Flat construction:** Low-profile design enables multi-level system layouts without additional

height requirements.

- **ESD-compliant:** Certified for use in electronics manufacturing and other electrostatic discharge-sensitive environments.
- **Flexible track widths:** Transverse track bQ 480 to 1200 mm, longitudinal track bL 640 to 1200 mm; individual width variants available on request.
- **Reversible operation:** Infeeding and outfeeding in both directions supported; accumulation operation not permitted.
- **Delivered assembled:** Includes fastening material, switch holder for 12 mm sensor, electrical position inquiry kit, and lateral guide kit.

Technical data

Parameter	Value
Article number	3842999002
Type	HQ 2/C-H
Max. workpiece pallet total weight (mG)	240 kg
ESD-compliant	Yes
Conveyor medium	Flat top chain
Required compressed air connection (p)	4 ... 6 bar
Pneumatic push-in connection (Ø)	8 mm
Track width transverse conveyor (bQ)	480 / 640 / 800 / 1040 / 1200 mm (individual variants available)
Track width longitudinal conveyor (bL)	640 / 800 / 1040 / 1200 mm (individual variants available)
Nominal speed (vN)	0 / 6 / 9 / 12 / 15 / 18 m/min
Motor connection (AT)	S: cable/plug, K: terminal box
Motor mounting (MA)	R: right, L: left, M: centre (M from bQ >= 640 mm)
Reversible operation	Possible
Accumulation operation	Not permitted
Compatible workpiece pallets	WT 2, WT 2/F, WT 2/H, WT 2/F-H
Compatible sections	ST 2/... (45 mm profile width), ST 2/...-H (50 mm profile width)
Delivery condition	Fully assembled; lateral guide kits included
Required accessories	M12x1 sensor for position inquiry; dampers for infeeding and outfeeding
Energy efficiency	Rexroth 4EE