

# Hub-Quereinheit HQ 2/U, ESD-geeignet, Zahnriemenförderung, bis 30 kg - Bosch Rexroth 3842999903

**Item no.** BRR-3842999903 **Manufacturer** Bosch Rexroth

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The Lift Transverse Unit HQ 2/U transfers workpiece pallets between longitudinal and transverse sections in the TS 2plus transfer system, including in confined spaces thanks to a suspended drive motor. ESD-safe and suitable for EPA environments, it supports 2 or 3 pneumatic lift positions with a maximum pallet load of 30 kg.

## TECHNICAL DATA

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



## STANDARDS & COMPLIANCE

**ESD safe**

## DESCRIPTION

The Lift Transverse Unit HQ 2/U is a pneumatically actuated transfer unit for the Bosch Rexroth TS 2plus transfer system. It feeds workpiece pallets from a longitudinal section into a transverse section - or vice versa - with 2 lift positions (top, center) or 3 lift positions (top, center, bottom). The suspended drive motor keeps the unit within the section's outer dimensions, making it suitable for tight installation spaces. Drive by toothed belt coupling is not possible due to the compact design.

- ESD-safe and EPA-compatible - suitable for electrostatic-protected assembly environments
- Maximum workpiece pallet total weight: 30 kg
- Pneumatic equipment for 2 (PN 2) or 3 (PN 3) lift positions - freely configurable at order
- Reversible operation possible
- Compatible with workpiece pallets WT 2, WT 2/E and WT 2/F

- Fits ST 2/... sections (45 mm profile width) and ST 2/...-H sections (50 mm profile width)
- Energy efficiency class: Rexroth 4EE

## Technical data

Parameter	Value
Article number	3842999903
Max. workpiece pallet total weight (mG)	30 kg
ESD-safe	Yes
Conveyor medium	Toothed belt (EPA-suitable)
Required compressed air connection	4 - 6 bar
Pneumatic straight connection	6 mm
Lift positions PN 2	Top, center
Lift positions PN 3	Top, center, bottom
Reversible operation	Yes
Transverse track width (bQ)	160, 240, 320, 400, 480 mm
Longitudinal track width (bL)	160, 240, 320, 400 mm
Nominal conveying speed (vN)	0, 6, 9, 12, 15, 18 m/min
Motor connection (AT)	S - cable/connector or K - terminal box
Mounting location / profile (AO)	0 = 45x80 mm, 1 = 45x100 mm, 2 = 50x100 mm
Scope of delivery	Fully assembled, pneumatic equipment (2 or 3 positions), assembly kit for electrical position inquiry, protective housing
Weight	0.009 kg (base unit; total weight depends on configuration)