

# Hub-Quereinheit HQ 2/U2 für Längs-/Quertransfer, ESD-geeignet - Bosch Rexroth 3842999843

**Item no.** BRR-3842999843 **Manufacturer** Bosch Rexroth

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The Lift Transverse Unit HQ 2/U2 transfers workpiece pallets between longitudinal and transverse conveyor sections in either direction. The reinforced design with two lift cylinders handles pallet total weights up to 50 kg, while the suspended drive motor keeps the unit within the section profile width for installation in confined spaces. The toothed belt conveyor medium is ESD-compatible; pneumatic equipment supports two or three lift positions.

## 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/U2 is the reinforced variant of the HQ 2/U, designed for assembly lines that need to transfer large-format workpiece pallets between longitudinal and transverse conveyor sections. Two lift cylinders ensure a stable lifting motion even at pallet total weights up to 50 kg. The suspended drive motor keeps the overall footprint within the section profile width, making the unit suitable for tight spaces.

- Toothed belt conveyor medium - ESD-compatible for electrostatically sensitive assembly environments
- Pneumatic equipment PN 2 (top/center) or PN 3 (top/center/bottom) for flexible lift positioning
- Reversible operation enables bidirectional transfer between longitudinal and transverse

sections

- Compatible with ST 2/... sections (45 mm profile width) and ST 2/...-H sections (50 mm profile width)
- Fully assembled; includes fastening material, pneumatic equipment, assembly kit for electrical position inquiry, and protective housing

## Technical data

Parameter	Value
Conveyor medium	Toothed belt
ESD-compatible	Yes
Lift cylinders	2
Lift positions	2 (PN 2: top, center) or 3 (PN 3: top, center, bottom)
Workpiece pallet total weight max. [mG]	50 kg
Required compressed air [pmin]	4 bar
Required compressed air [pmax]	6 bar
Pneumatic straight connection	6 mm
Preferred lengths	400, 480, 640, 800 mm
Compatible profiles	ST 2/... (45 mm) / ST 2/...-H (50 mm)
Weight	approx. 0.01 kg (manufacturer states 0 kg - verify with Bosch Rexroth)
Scope of delivery	Fastening material, pneumatic equipment, assembly kit for electrical position inquiry, protective housing