

Lift Transfer Unit HQ 2/U LS, Toothed Belt Conveyor ESD-Compatible - Bosch Rexroth 3842999032

Item no. BRR-3842999032 **Manufacturer** Bosch Rexroth

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The HQ 2/U LS lift transfer unit feeds workpiece pallets between longitudinal and transverse conveyor sections in either direction. A suspended drive motor keeps the overall width within the profile envelope for installation in tight spaces, and the toothed belt conveyor is suitable for use in EPA environments. Pneumatic actuation provides two or three lift positions.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
HS-Code	84313900
Weight	0.1 kg



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The HQ 2/U LS lift transfer unit transfers workpiece pallets from a longitudinal conveyor section into a transverse section - and in reverse. The suspended drive motor is positioned outside the main body so the overall width stays within the profile contour, making installation viable in very confined machine layouts. A toothed belt coupling drive is not possible due to the compact design; the integrated toothed belt conveyor is ESD-compatible for use in EPA (electrostatic protected area) environments. Reversible operation is supported.

- Compact form factor with suspended drive motor - fits in tight installation spaces
- Two configurations: PN 2 (top and center positions) or PN 3 (top, center, and bottom)
- Toothed belt conveyor rated for ESD/EPA environments
- Compatible with ST 2/... profiles (45 mm width) and ST 2/...-H profiles (50 mm width)
- Reversible operation possible

- Supplied fully assembled including fastening hardware, pneumatic equipment, and electrical position inquiry kit

Technical data

Property	Value
Conveyor medium	Toothed belt
ESD suitability (EPA)	Yes
Pneumatic connection (straight)	6 mm
Max. workpiece pallet total weight	30 kg
Compressed air - min. pressure	4 bar
Compressed air - max. pressure	6 bar
Lift positions (PN 2)	Top, center
Lift positions (PN 3)	Top, center, bottom
Preferred dimensions	160, 240, 320, 400, 480 mm
Compatible profiles	ST 2/... (45 mm width), ST 2/...-H (50 mm width)
Scope of delivery	Fully assembled, fastening hardware, pneumatic equipment (PN 2 or PN 3), position inquiry kit, protective housing
Required accessory	M12x1 sensor, rated sensing range $S_n = 4$ mm, one per lift position
Weight	0.1 kg