

Lift Transfer Unit HQ 2/T LS, Pneumatic, ESD-Compatible - Bosch Rexroth 3842999031

Item no. BRR-3842999031

Manufacturer Bosch Rexroth

The HQ 2/T LS lift transfer unit transfers workpiece pallets between longitudinal and transverse conveyor sections without its own drive. Powered via toothed belt coupling to the HQ 2/O, it supports two or three pneumatic lift positions and is fully compatible with ESD-sensitive assembly environments.

TECHNICAL DATA

Country of Manufacture **Germany**

HS-Code **84313900**

Weight **0.1 kg**


STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth HQ 2/T LS transfers workpiece pallets from a longitudinal conveyor section into a transverse roller section - and back - making it the passive half of an HQ 2/O and HQ 2/T LS tandem pair. The toothed belt conveying medium is ESD-rated, the unit ships fully assembled, and pneumatic equipment covers two or three discrete lift positions.

- Two sizes with one or two lifting cylinders - adaptable to pallet weights up to 30 kg
- PN 2 (top, center) or PN 3 (top, center, bottom) pneumatic equipment - configurable to process requirements
- Toothed belt coupling drive - no separate drive unit needed beyond the paired HQ 2/O
- ESD-compatible toothed belt medium - safe for electrostatic-sensitive assemblies
- Reversible operation - pallets can be fed in or out in the same installation
- Mounts on ST 2/... profiles (45 mm width) or ST 2/...-H profiles (50 mm width)

TECHNICAL DATA

Parameter	Value
Type	HQ 2/T LS

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Parameter	Value
Drive	None (driven via toothed belt coupling from HQ 2/O)
Conveyor medium	Toothed belt (EPA-compatible)
ESD-compatible	Yes
Lift positions - PN 2	Top, center
Lift positions - PN 3	Top, center, bottom
Pneumatic straight connection	6 mm
Required air pressure (pmin)	4 bar
Required air pressure (pmax)	6 bar
Max. workpiece pallet total weight	30 kg
Preferred widths	160, 240, 320, 400, 480, 640, 800 mm
Profile width (ST 2/...)	45 mm
Profile width (ST 2/...-H)	50 mm
Delivery condition	Fully assembled
Scope of delivery	Fastening material, pneumatic equipment (2 or 3 positions), electrical position inquiry assembly kit, drive kit for HQ 2/O
Required accessories	M12x1 sensor (rated sensing range 4 mm) per lift position, housing element SK 2
Recommended accessories	Damper DA 2/60 (outfeeding at $v_N > 9$ m/min), rocker WI 2/ or WI/M + DA 2/60 / DA 2/100-C (infeeding, BG 2)
Weight	0.1 kg