

ELT Transverse Conveyor EQ 2/TE LS, Size 2, Toothed Belt, ESD-Safe - Bosch Rexroth 3842999039

Item no. BRR-3842999039**Manufacturer Bosch Rexroth**

Pre-assembled transverse conveyor module for dead-end branching in ELT transfer systems, size 2 (from 480 x 480 mm). The toothed belt drive is suitable for EPA environments; pneumatic equipment supports 2 or 3 lift positions. Mounts on ST 2/... sections (45 mm profile width) or ST 2/...-H sections (50 mm profile width).

TECHNICAL DATA

Country of Manufacture **Germany**HS-Code **84283300**Weight **0.1 kg**

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The ELT Transverse Conveyor EQ 2/TE LS is a pre-assembled module for branching off into a transverse section where the second end does not continue further (dead end) within the ELT transfer system. Size 2 uses two lifting cylinders per lift transverse unit and requires a minimum pallet footprint of 480 x 480 mm. The toothed belt drive is rated for EPA environments, making the unit ESD-safe throughout.

- 2 or 3 lift positions (top, center, bottom) selectable via pneumatic equipment
- Ready to mount on ST 2/... sections (45 mm profile width) or ST 2/...-H sections (50 mm profile width)
- Reversible operation supported; accumulation operation on lift transverse units is not permitted
- Workpiece pallet total weight up to 30 kg; section load in accumulation operation up to 60 kg
- 6 mm straight pneumatic connection, operating pressure 4 - 6 bar
- Maximum section length 6000 mm, minimum 240 mm; preferred values: 160, 240, 320, 400, 480, 640, 800 mm

TECHNICAL DATA

Parameter	Value
Size	2 (from 480 x 480 mm)
Conveyor medium	Toothed belt (EPA-suitable)
ESD-safe	Yes
Lift positions	2 (top, center) or 3 (top, center, bottom)
Length min. [L min]	240 mm
Length max. [L max]	6000 mm
Preferred values	160, 240, 320, 400, 480, 640, 800 mm
Pneumatic connection	6 mm straight fitting
Operating pressure	4 - 6 bar
Workpiece pallet total weight [mG]	max. 30 kg
Section load (accumulation operation)	max. 60 kg
Scope of delivery	1x lift transverse unit HQ 2/O (assembled), 1x belt section BS 2/TE (assembled), 1x connection kit, 1x housing elements SK 2/B, pneumatic equipment for 2 or 3 positions, assembly kit for electrical position inquiry
Recommended accessories	Damper DA 2/60 for outfeeding at $v_N > 9$ m/min; rocker WI 2/, WI/M and dampers DA 2/60, DA 2/100-C (BG 2) for infeeding
Required accessories	1x M12x1 sensor per top/bottom position, rated sensing range $S_n = 4$ mm
Weight	0.1 kg (shipping weight)