

BS 2/S Belt Section with Toothed Belt Drive, ESD-Compatible - Bosch Rexroth 3842996463

Item no. BRR-3842996463

Manufacturer Bosch Rexroth

Ready-to-use BS 2/S belt section with integrated toothed belt drive for longitudinal workpiece pallet transport or transverse conveying between parallel lines in conjunction with two HQ 2 lift-transfer units. Segmented profile design allows up to 3 additional cuts for flexible length configuration. ESD-compatible; combinable with WT 2, WT 2/E, WT 2/F and WT 2/LS.

TECHNICAL DATA

Country of Manufacture **Germany**

HS-Code **84313900**

Weight **0.1 kg**



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The BS 2/S belt section arrives fully assembled with an integrated toothed belt drive, ready for immediate installation as a longitudinal conveyor for workpiece pallets or as a transverse transfer unit paired with two HQ 2 lift-transfer modules. The segmented longitudinal profile accepts up to 3 additional cuts, allowing individual segments to be removed independently - simplifying on-site handling and reducing transport volume. Accumulation and reversible operation are both supported.

- Fully assembled at delivery - no pre-assembly required on site
- Segmented profile with up to 3 cut positions for modular length adaptation
- ESD-compatible toothed belt conveyor for use in electrostatic-sensitive environments (EPA)
- Motor mounting on left, right or center (center available from 240 mm track width)
- Motor connection via cable/plug (AT = S) or terminal box (AT = K)
- Accumulation and reversible operation supported; special variants on request

TECHNICAL DATA

Parameter	Value
Conveyor medium	Toothed belt (ESD-compatible)

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Parameter	Value
Track width, transport direction b min	160 mm
Track width, transport direction b max	1200 mm
Total length lges min	900 mm
Total length lges max	6000 mm
Section length l2	900 ... 5500 mm
Section length l3	1350 ... 5500 mm
Min. section length l1 min	450 mm
Max. section length l1 max	5550 mm
Section load in accumulation operation	60 kg (max. 30 kg when MA = M and b = 160 mm)
Profile material	Aluminum, natural anodized
Guide profile	Polyamide
Glide profile	Polyamide
Delivery condition	Fully assembled
Compatible workpiece pallets	WT 2, WT 2/E, WT 2/F, WT 2/LS
Recommended accessories	Connection kit, section supports SZ 2/...
Weight	0.100 kg