

BS 1/S Belt Section with Toothed Belt, ESD-Compatible, up to 5480 mm - Bosch Rexroth 3842998909

Item no. BRR-3842998909

Manufacturer Bosch Rexroth

The BS 1/S is a ready-to-run conveyor section with its own drive for longitudinal and transverse transport of workpiece pallets. Its segmented aluminum profile allows up to three additional longitudinal cuts, making individual sections easy to remove, handle, and transport. Section loads up to 30 kg in accumulation operation; ESD-compatible toothed belt with mesh top for use in EPA areas.

TECHNICAL DATA

Country of Manufacture **Germany**

HS-Code **84313900**

Weight **0.1 kg**



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The BS 1/S belt section is a ready-to-operate conveyor unit with an integrated drive, designed for longitudinal transport of workpiece pallets and - in combination with two HQ 1/U lift transverse units - for transverse transfer between parallel conveyor lines. The segmented profile allows up to three additional longitudinal cuts, so individual segments can be removed independently for flexible line layouts and more efficient transport of the section itself.

- Section load up to 30 kg in accumulation operation
- ESD-compatible: toothed belt with mesh top, suitable for EPA environments
- Motor mounting right (R), left (L), or center (M) when track width $b = 160$ mm or 161-720 mm
- Motor connection via cable/plug (AT = S) or terminal box (AT = K)
- Connects with standard profile connectors; delivered assembled, motor supplied separately
- Two, three, or four cross connectors supplied depending on section length

TECHNICAL DATA

Parameter	Value
ESD-compatible	Yes

Parameter	Value
Dry room [rF]	lt1
Length [l2]	520 ... 5480 mm
Preferred values	80, 120, 160 mm
Total length min [lges min]	520 mm
Total length max [lges max]	6000 mm
Length min [l1 min]	260 mm
Length max [l1 max]	5740 mm
Length [l3]	780 ... 5220 mm
Track width min [b min]	81 mm
Track width max [b max]	720 mm
Section load (accumulation)	30 kg
Conveyor medium	Toothed belt with mesh top
Section profile	Aluminum, natural anodized
Guide profile	Polyamide
Glide profile	Polyamide
Delivery	Assembled; motor included separately
Motor mounting note	Center mounting (MA = M) only when b = 160 or b = 161-720 mm
Recommended accessories	Connection kit, Leg set SZ 1