

Belt Section BS 2/R-700, max. 700 kg Accumulation Load, ESD-Compatible - Bosch Rexroth 3842998096

Item no. BRR-3842998096

Manufacturer Bosch Rexroth

The BS 2/R-700 belt section is a self-driven, ready-to-install conveyor unit for longitudinal and lateral transfer of workpiece carriers in assembly automation. It handles up to 700 kg accumulation load and is ESD-compatible. Track width, length, speed, motor position and chain type are freely configurable.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	84313900
Weight	0.0099 kg



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The BS 2/R-700 belt section is a fully functional conveyor with its own drive for transporting workpiece carriers in the longitudinal direction and for lateral transfer between parallel conveyors in combination with two HQ 2 lift-transfer units. With a maximum accumulation load of 700 kg, ESD compatibility and a wide configuration range, it is suited to demanding assembly and production lines.

- Up to 700 kg accumulation load - handles heavy workpiece carriers in indexed assembly lines
- ESD-compatible - safe transport of sensitive assemblies without electrostatic discharge
- Track width 160 to 1200 mm and length 300 to 6000 mm freely selectable
- Motor mounting left, right or centre; connection via cable/connector or terminal box
- Four chain types: accumulation roller chain with PA or steel rollers, each optionally with small-parts guard
- Energy-efficient per Rexroth 4EE; special versions available on request

TECHNICAL DATA

esd.equipment

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@esd-equipment.com

esd.equipment

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Parameter	Value
Article number	3842998096
Max. accumulation load	700 kg
ESD-compatible	yes
Max. operating temperature	+40 °C
Track width b	160 / 240 / 320 / 400 / 480 / 640 / 800 / 1040 / 1200 mm
Length l	300 to 6000 mm
Nominal speed vN	0 / 6 / 9 / 12 / 15 / 18 m/min
Motor position	right (R), left (L), centre (M)
Motor connection	cable/connector (S), terminal box (K)
Chain type	1 - PA rollers; 2 - steel rollers; 3 - PA + small-parts guard; 4 - steel + small-parts guard
Track profile	natural aluminium, anodised
Slide profile	polyamide or steel, corrosion-resistant
Small-parts guard	polyamide
Weight	0.0099 kg (base article; total weight depends on configuration)