

Bandstrecke BS 2/C-250, max. 250 kg Staulast, ESD- geeignet - Bosch Rexroth 3842999985

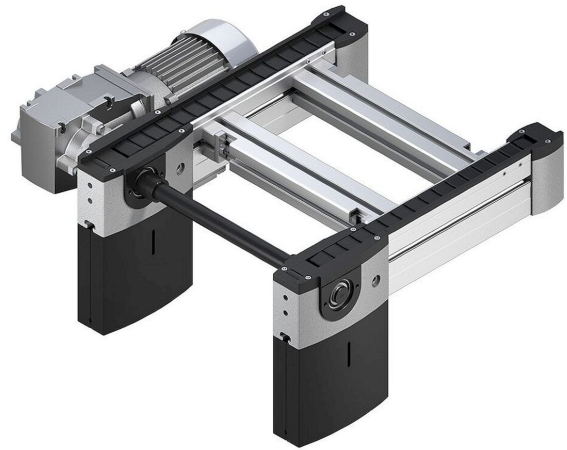
Item no. BRR-3842999985

Manufacturer Bosch Rexroth

The BS 2/C-250 belt section is a ready-to-install conveyor unit with its own drive for transporting workpiece carriers longitudinally or transferring them laterally between parallel conveyor lines together with HQ 2 lift-and-transfer units. The flat-top plastic chain in version KA = A qualifies the unit for use in ESD-protected areas (EPA). Motor mounting is available on the right, left, or centre, with cable/connector or terminal-box connection.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg
Zolltarifnummer	84313900



STANDARDS & COMPLIANCE

ESD safe IEC 61340-5-1

DESCRIPTION

The BS 2/C-250 belt section is a fully assembled conveyor unit designed to transport workpiece carriers along a line or to transfer them laterally between parallel conveyor tracks in combination with two HQ 2 lift-and-transfer units. The naturally anodised aluminium track profile combined with polyamide guide and slide profiles delivers a low-maintenance structure for medium accumulation loads up to 250 kg. Chain version KA = A meets the requirements for use in electrostatic-protected areas (EPA) in accordance with IEC 61340-5-1.

- Accumulation load up to 250 kg - suited to medium-weight workpiece carriers in assembly automation
- ESD-compatible chain (KA = A) - safe operation in EPA environments
- Track widths from 160 to 1200 mm and lengths from 300 to 6000 mm - individually configurable
- Nominal speeds of 6, 9, 12, 15, or 18 m/min selectable; vN = 0 for supply without motor and gearbox
- Motor mounting right, left, or centre; connection via cable/connector (S) or terminal box (K)
- Reversing operation not permitted; use of automatic lubrication unit LU 2 strongly recommended
- Rexroth 4EE energy-efficiency classification

TECHNICAL DATA

Parameter	Value
Article number	3842999985
Designation	Belt section BS 2/C-250
Max. accumulation load	250 kg
ESD suitability	Yes (chain version KA = A, suitable for EPA)
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 connection	Cable/connector (S) or terminal box (K)
Motor mounting position	Right (R), left (L), centre (M)
Chain version	Standard (KA = N) or EPA-suitable (KA = A)
Track profile material	Aluminium, natural anodised
Guide profile material	Polyamide
Slide profile material	Polyamide
Delivery condition	Assembled
Weight	approx. 0.01 kg (base article; configuration-dependent)