

Kurve KU 1/180 mit Antrieb, 180°-Werkstückträgertransport, ESD-geeignet - Bosch Rexroth 3842999987

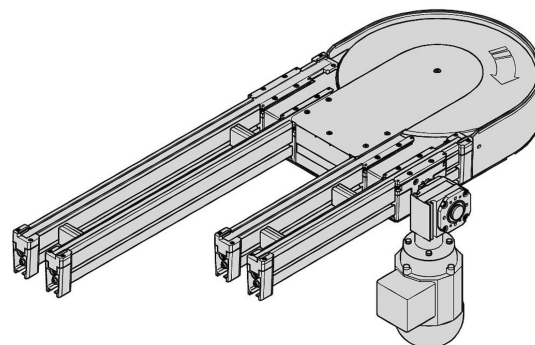
Item no. BRR-3842999987

Manufacturer Bosch Rexroth

The Curve KU 1/180 redirects workpiece carriers through 180° within the TS 1 transfer system. Its integrated accumulation capability eliminates complex control technology, and the module is rated for ESD environments and cleanrooms up to ISO Class 7. Track widths of 80, 120, and 160 mm are available; infeed and outfeed sections can be configured up to 5000 mm.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg
Zolltarifnummer	84313900



00128660

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Curve KU 1/180 is a driven curve module for Bosch Rexroth's TS 1 transfer system, conveying workpiece carriers through a 180° turn. A single shared drive powers both the turntable and the attached infeed and outfeed belt sections. Built-in accumulation capability allows operation without additional control hardware, and the module meets the requirements of ESD-protected areas and ISO Class 7 cleanrooms. Reversing operation is not supported; workpiece carriers must be cleared from the curve before shutting down.

- Accumulation operation without complex controls - maximum section load 30 kg
- ESD-compatible for use in EPA environments
- Cleanroom rating ISO Class 7, dry room up to rF < 1 %
- Track widths 80, 120, and 160 mm; infeed/outfeed length freely selectable up to 5000 mm
- Curve direction right (KR = R) or left (KR = L); motor mounting external (MA = A)
- Rexroth 4EE energy efficiency standard

TECHNICAL DATA

Parameter	Value
Article number	3842999987

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Page 1/2

Parameter	Value
Curve angle	180°
Track width b (direction of transport)	80 / 120 / 160 mm
Dimensions f x g at b = 80 mm	165 x 422 mm
Dimensions f x g at b = 120 mm	203 x 505 mm
Dimensions f x g at b = 160 mm	243 x 580 mm
Max. section load in accumulation operation	30 kg
Infeed/outfeed section length L1, L2	0 / 150 - 5000 mm
Nominal speed vN	0 / 6 / 9 / 12 / 15 / 18 m/min
ESD-compatible	yes
Cleanroom class	ISO Class 7
Dry room (relative humidity)	< 1 %
Motor mounting	external (MA = A)
Scope of delivery	Curve module complete with drive, infeed section (L1 > 150 mm), outfeed section (L2 > 150 mm)
Delivery condition	Partially assembled
Weight	0.0099 kg (item weight; total weight depends on configuration)