

Kurve KU 1/360 für TS 1 Transfersystem, 360°-Umlauf, ESD-geeignet - Bosch Rexroth 3842999988

Item no. BRR-3842999988

Manufacturer Bosch Rexroth

The Curve KU 1/360 closes the workpiece carrier loop in the Rexroth TS 1 transfer system using a single shared drive for both turntables and the connected belt sections. Built-in accumulation capability eliminates the need for complex control systems. Suitable for ESD environments (EPA) and cleanrooms up to ISO Class 7.

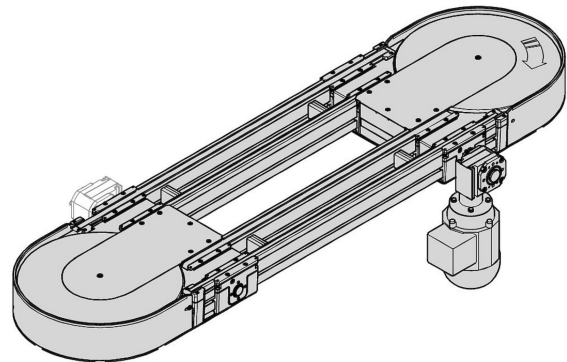
TECHNICAL DATA

Ausführungsklasse **TEC**

Country of Manufacture **Germany**

Weight **0.0099 kg**

Zolltarifnummer **84283300**



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STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Curve KU 1/360 completes the workpiece carrier circuit in the Rexroth TS 1 transfer system, enabling a cost-effective closed loop with just one drive unit. The integrated accumulation function allows operation without elaborate control technology. The curve is rated for ESD applications (EPA-compliant), cleanrooms to ISO Class 7, and dry-room environments below 1% relative humidity.

- Closed workpiece carrier circuit with a single drive - low-cost system layout
- Integrated drive shared by both turntables and all mounted belt sections
- Section load up to 30 kg in accumulation mode when a second drive is fitted (AE = 2)
- Track widths 80, 120 and 160 mm; belt section length freely selectable from 150 to 5000 mm
- ESD-suitable (yes), cleanroom class ISO 7, dry room below 1% RH
- Scope of delivery: complete curve module with drive, partially assembled

TECHNICAL DATA

Parameter	Value
Article number	3842999988
Curve type	KU 1/360

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Parameter	Value
Belt distance	a = 135 mm
Track widths b	80 / 120 / 160 mm
Dimension f	165 / 203 / 243 mm
Dimension g	422 / 505 / 580 mm
Section length L1	150 to 5000 mm (freely selectable)
Max. section load in accumulation, 1 drive	24 kg
Max. section load in accumulation, 2 drives	30 kg
Nominal speed vN	0 / 6 / 9 / 12 / 15 / 18 m/min
Curve direction KR	right (R) or left (L)
Motor mounting MA	external (A)
Drive units AE	1 or 2
ESD-suitable	yes
Cleanroom class	ISO Class 7
Dry room	below 1% RH
Energy efficiency	Rexroth 4EE
Scope of delivery	Complete curve module with drive, partially assembled
Weight	0.0099 kg (positional item; installed system weight is application-dependent)