

## Curve Module CU 1/90 for 90° Workpiece Carrier Transport, ESD-Suitable - Bosch Rexroth 3842998287

Item no. BRR-3842998287

Manufacturer Bosch Rexroth

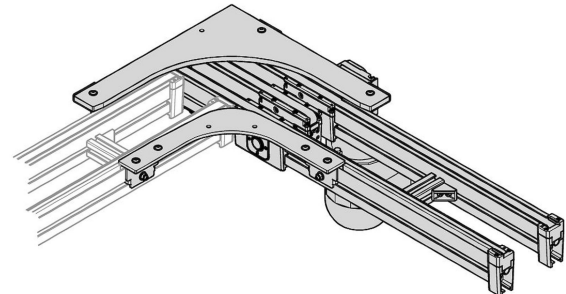
The CU 1/90 curve module redirects workpiece carriers through 90° without a dedicated curve drive - propulsion is provided by the adjacent belt section. Suitable for ESD environments (ISO Class 7 cleanroom), with accumulation capacity for up to 3 workpiece carriers and a maximum section load of 30 kg. Track widths of 80, 120 and 160 mm; lengths from 415 to 5,000 mm; curve direction left or right selectable.

### TECHNICAL DATA

Ausführungsklasse **TEC**

Country of Manufacture **Germany**

HS-Code **84313900**

Weight **0.0099 kg**


00126479

## STANDARDS & COMPLIANCE

ESD safe

## DESCRIPTION

The CU 1/90 curve module transfers workpiece carriers through a 90° change of direction in assembly and production lines. No independent drive is needed for the curve function - propulsion comes entirely from the connected belt section. The module is ESD-compatible (ISO Class 7) and rated for dry-room use (relative humidity below 1 %). Reversing operation is not possible; damping elements on workpiece carriers may only be fitted laterally and at the rear relative to the direction of transport.

- No additional curve drive required - propulsion via adjacent belt section
- ESD-suitable, ISO Class 7 cleanroom rated, dry room to r.H. <1 %
- Accumulation capacity up to 3 workpiece carriers, max. section load 30 kg
- Track widths 80, 120 and 160 mm; lengths 415 to 5,000 mm
- Curve direction right (KR=R) or left (KR=L); motor connection as cable/plug (AT=S) or terminal box (AT=K)
- Energy-efficient per Rexroth 4EE; supplied partially assembled

## TECHNICAL DATA

| Parameter                              | Value                                                                                                             |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Article number                         | 3842998287                                                                                                        |
| Curve angle                            | 90°                                                                                                               |
| Track width b (direction of transport) | 80 / 120 / 160 mm                                                                                                 |
| Length L (direction of transport)      | 415 to 5,000 mm                                                                                                   |
| Max. section load in accumulation mode | 30 kg                                                                                                             |
| Accumulation capacity                  | max. 3 workpiece carriers                                                                                         |
| Nominal speed vN                       | 0 / 6 / 9 / 12 / 15 / 18 m/min                                                                                    |
| Curve direction                        | right (KR=R) or left (KR=L)                                                                                       |
| Motor connection                       | cable/plug (AT=S) or terminal box (AT=K)                                                                          |
| ESD-suitable                           | yes                                                                                                               |
| Cleanroom class                        | ISO Class 7                                                                                                       |
| Dry room                               | r.H. <1 %                                                                                                         |
| Dimensions bWT x IWT / L / L1 / L2     | 80x80 mm: 415 / 144 / 318 mm   120x120 mm: 455 / 184 / 358 mm   160x160 mm: 495 / 224 / 396 mm                    |
| Scope of delivery                      | Belt section with third track, inner guide, outer guide, fastening material, connection kit (partially assembled) |
| Weight                                 | 0.0099 kg (configurator base weight; final weight depends on configuration)                                       |