

Rotary Unit DE 2 BG 1 - Horizontal Rotation and Transport of Workpiece Carriers - Bosch Rexroth 3842998871

Item no. BRR-3842998871

Manufacturer Bosch Rexroth

The Rotary Unit DE 2 BG 1 rotates workpiece carriers through 90°, 180° or 270°, enabling branch-offs and crossings in transfer systems - including heavy pallets up to 96 kg. Supplied ready to install, pneumatically driven at 5 to 6 bar, for track widths of 400 mm and 480 mm.

TECHNICAL DATA

Country of Manufacture **Germany**

HS-Code **84313900**

Weight **0.1 kg**


DESCRIPTION

The Rotary Unit DE 2 BG 1 is a module for the horizontal rotation and onward transport of workpiece carriers in size BG 1 transfer systems. It enables branch-offs and crossings for heavy workpiece pallets up to 96 kg and is designed for track widths of 400 mm and 480 mm.

- **High load capacity:** Workpiece pallets up to 96 kg are rotated and transported reliably.
- **Flexible rotation:** Rotary movements of 90° (approx. 4 s), 180° (approx. 7 s) and 270° (approx. 10 s).
- **Ready to install:** Delivered pre-assembled including supports; protective covers optionally pre-fitted.
- **Simple pneumatic connection:** 6 mm straight fitting, operating pressure 5 to 6 bar.

TECHNICAL DATA

Parameter	Value
Track width in direction of transport [b]	400 mm / 480 mm
Length in direction of transport [IT]	400 mm / 480 mm
Transportation height [H]	585 to 1400 mm
Belt section length [L]	656 mm / 597 mm
Diameter without protective cover [D1]	800 mm

Parameter	Value
Diameter with protective cover [D2]	816 mm
Max. workpiece pallet total weight [mG]	96 kg
Rotary movement time 90°	4 s
Rotary movement time 180°	7 s
Rotary movement time 270°	10 s
Pneumatic straight connection	6 mm
Min. compressed air [pmin]	5 bar
Max. compressed air [pmax]	6 bar
Weight	approx. 0.1 kg (DB value; verify with manufacturer)
Scope of delivery	Ready to install incl. supports; protective covers optionally pre-assembled