

Gelenk 20x20 designLINE, ESD-geeignet, RAL 9006 - Bosch Rexroth 3842555665

Item no. BRR-3842555665

Manufacturer Bosch Rexroth

The Joint 20x20 designLINE connects slot-6 aluminum profiles with a 180° swivel range, handling axial forces up to 3000 N (F1) and lateral forces up to 300 N (F2). Made from painted diecast aluminum in white aluminum RAL 9006, it is ESD-rated and supplied with all fastening hardware included. Grid dimension 20 mm, compatible with the Bosch Rexroth aluminum profile system.

TECHNICAL DATA

Country of Manufacture **Germany**

Weight **0.05 kg**

Zolltarifnummer **83024900**



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Joint 20x20 designLINE provides a pivoting connection between slot-6 aluminum profiles on a 20 mm grid. Its 180° swivel range supports flexible angle adjustment within assembly systems, while axial load capacity of 3000 N (F1) and lateral force rating of 300 N (F2) ensure a reliable connection under operating loads. ESD suitability qualifies the joint for use in electrostatic discharge-sensitive production and test environments.

- 180° swivel range for variable angular positioning within the profile assembly system
- Axial force F1 up to 3000 N, lateral force F2 up to 300 N
- ESD-rated for use in electrostatically protected work areas
- Painted diecast aluminum RAL 9006 (white aluminum) - matches the designLINE visual standard
- Supplied with fastening hardware: 2x flange head screw M4x6, 2x T-nut groove 6 M4, 2x screw S6x16

TECHNICAL DATA

Property	Value
Modular dimension	20 mm

Property	Value
Profile slot	6
Dimensions	20x20
Swivel range	180°
Force F1	3000 N
Force F2	300 N
ESD	yes
designLINE	yes
Color	White aluminum (RAL 9006)
Material	Diecast aluminum, painted
Fastening material	2x flange head screw M4x6, 2x T-nut groove 6 M4, 2x screw S6x16 (steel, galvanized)
Packaging unit	1 piece
Weight	0.05 kg