

Scharnier PA 45/45 für Aluminiumprofile, Signalgrau RAL 7004 - Bosch Rexroth 3842554468

Item no. BRR-3842554468

Manufacturer Bosch Rexroth

Two-leaf plastic hinge for Rexroth aluminium profile systems with 45 mm pitch. Fits profile slots 8 and 10, rated to a maximum force of 150 N. Delivered in packs of 2, complete with countersunk screws DIN 7991-M6x18 and T-nuts groove 10 M6.

TECHNICAL DATA

Country of Manufacture **Italy**

Weight **0.093 kg**

Zolltarifnummer **83021000**



STANDARDS & COMPLIANCE

DIN 7991

DESCRIPTION

The hinge 3842554468 is designed for doors and covers in Rexroth aluminium profile structures based on the 45-series grid. The hinge body is moulded from glass-reinforced polyamide (PA) for a lightweight, corrosion-free fit; the axle and fastening hardware are zinc-plated steel for sustained mechanical reliability up to 150 N. Wing width of 45 mm on both sides (P1 = 45, P2 = 45) and a depth of a/b = 25 mm allow direct insertion into profile slots size 8 and 10 with no machining.

- Compatible with 45 x 45 profiles and same-slot combinations - fits without modification
- Maximum force $F_{max} = 150 \text{ N}$ - suited to light guards and enclosure doors
- PA body in signal grey RAL 7004 - corrosion-free, low weight, visually integrated into the profile system
- Galvanized steel axle and fastening hardware - long-term stability under frequent use
- Pack of 2 including all fastening hardware - ready to mount

TECHNICAL DATA

Attribute

Value

Article number 3842554468

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Attribute	Value
Profile P1	45 mm
Profile P2	45 mm
Dimension A	45 mm
Dimension B	45 mm
a/b	25 mm
Profile slot	8 / 10
Hinge type	Plastic
Hinge material	PA (polyamide)
Axle material	Steel, galvanized
Fastening material	Steel, galvanized
Force Fmax	150 N
Color	Signal grey RAL 7004
Fastening hardware	2x countersunk screw DIN 7991-M6x18, 2x T-nut groove 10 M6
Packaging unit	2 pieces
Weight	0.093 kg