

Gusset 20x40 designLINE, ESD, White Aluminum RAL 9006 - Bosch Rexroth 3842551597

Item no. BRR-3842551597

Manufacturer Bosch Rexroth

Die-cast aluminum gusset for 20x40 mm profile combinations in the designLINE finish, ESD-rated and coated white aluminum (RAL 9006). Bending moment up to 50 Nm, profile slot 6, supplied complete with four cylinder head screws DIN 7984 M6x12 and four T-nuts. Suited to visually exposed assembly lines, ESD-protected workstations and clean-room production frames.

TECHNICAL DATA

Ausführungsklasse **ESD (antistatic)**

Country of Manufacture **Germany**

HS-Code **83024900**

Weight **0.02688 kg**


STANDARDS & COMPLIANCE

ESD safe DIN 7984

DESCRIPTION

The 20x40 designLINE gusset joins two aluminum profiles of the 20x40 mm size with a positive-locking connection and a vibratory-ground, painted surface in white aluminum (RAL 9006) - the finish specified for visible-surface assembly lines, ESD-controlled areas and high-quality production equipment. Bending moment 2 is 50 Nm, bending moment 1 is 15 Nm, and torsional moment is 8 Nm.

- ESD-rated for use in electrostatic protected areas (EPA) - compliant with designLINE requirements
- Profile slot 6 - compatible with Bosch Rexroth aluminum profiles in the 20x40 size range
- Complete set: gusset plus 4x cylinder head screw DIN 7984 M6x12 and 4x T-nut groove 8 M6 (steel, galvanized) - no additional hardware needed
- Die-cast aluminum body, vibratory ground and painted - dimensionally stable and corrosion-resistant
- Recommended accessories: intermediate element for 8 mm slot (3842523516), cover cap 20x40 signal gray (3842548844), cover cap 20x40 black (3842548845)

TECHNICAL DATA

Attribute	Value
Dimensions	20x40 mm
Profile slot	6
Bending moment 1	15 Nm
Bending moment 2	50 Nm
Torsional moment	8 Nm
ESD	yes
designLINE	yes
Color	White aluminum (RAL 9006)
Material (bracket)	Diecast aluminum, vibratory ground and painted
Fastening material	4x cylinder head screw DIN 7984 M6x12, 4x T-nut groove 8 M6 (steel, galvanized)
Scope of delivery	Bracket designLINE incl. fastening material
Weight	0.027 kg
Article number	3842551597