

SAS Bearings

Product Datasheet

PFL203-Z

Stamped Steel 2-Bolt Flange Bearing Housing

Specifications

Model	PFL203-Z
Type	2-Bolt Flange Housing (Stamped Steel)
Bore Size	17 mm (0.6693 in)
Bolt Center Distance	90.5 mm (3.563 in)
Housing Material	Stamped Steel, Zinc Plated
Bearing Insert	UC203 Wide Inner Ring Ball Bearing
Sealing	Double lip seal (contact type)
Locking Method	Set screw (grub screw)
Static Load Rating	6.55 kN (1,473 lbf)
Dynamic Load Rating	12.7 kN (2,855 lbf)
Max Speed	11,000 RPM (with grease)
Weight (approx.)	0.18 kg (0.40 lb)
Operating Temp.	-20 to +120 C (-4 to +248 F)
Manufacturer	China - ISO 9002 Import
Price	\$1.29 USD

Description

The PFL203-Z is a lightweight, economical 2-bolt stamped steel flange bearing housing unit designed for applications requiring simple mounting and reliable radial load support. The zinc-plated stamped steel housing provides corrosion resistance, while the pre-lubricated UC203 bearing insert ensures smooth operation with minimal maintenance.

Typical Applications

- Conveyor systems and material handling
- Agricultural and food processing equipment
- Packaging and textile machinery
- Light-duty power transmission
- HVAC fans and blowers