Ball Bearing 6205ZZ

Vicor Manufacturing — Product Datasheet

Description

Deep groove ball bearing 6205ZZ with double metal shields, designed for high-speed rotation under radial and light axial loads in motors, pumps, and gearboxes.

Specifications

Bearing Type:	Deep Groove Ball Bearing
Bore Diameter:	25 mm
Outer Diameter:	52 mm
Width:	15 mm
Seal Type:	ZZ (Metal Shield)
Max Speed:	12000 RPM

Frequently Asked Questions

Q: What is the difference between ZZ and 2RS versions?

A: ZZ has metal shields (better for high-speed/high-temp), 2RS has rubber seals (better dust/moisture protection).

Q: What lubrication is pre-filled?

A: Shipped pre-lubricated with standard lithium-based grease, rated for -20°C to 120°C.

Q: What is the dynamic load rating?

A: Approximately 14.8 kN dynamic and 6.95 kN static load rating.