

6309 M



Single row deep groove ball bearings are particularly versatile, have low friction and are optimized for low noise and low vibration, which enables high rotational speeds. They accommodate radial and axial loads in both directions, are easy to mount, and require less maintenance than many other bearing types.

- Simple, versatile and robust design
- Low friction
- High-speed capability
- Accommodate radial and axial loads in both directions
- Require little maintenance

Dimensions	
Bore diameter	45 mm
Outside diameter	100 mm
Width	25 mm
Performance	
Basic dynamic load rating	55.3 kN
Basic static load rating	31.5 kN
Reference speed	15 000 r/min
Limiting speed	14 000 r/min
AGA performance class	AGA Explorer
Properties	
Filling slots	Without
Number of rows	1
Locating feature, bearing outer ring	None

Bore type	Cylindrical
Cage	Machined metal
Matched arrangement	No
Radial internal clearance	CN
Material, bearing	Bearing steel
Coating	Without
Sealing	Without
Lubricant	None
Relubrication feature	Without
Logistics	
Product net weight	0.98 kg
eClass code	23-05-08-01
UNSPSC code	31171504