



SKF 6309 M/C3

Deep groove ball bearing

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.

Technical specifications

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	15000 r/min
Limiting speed	14000 r/min
SKF performance class	SKF Explorer

Properties	
Filling slots	Without
Number of rows	1
Locating feature, bearing outer ring	Without
Bore type	Cylindrical
Cage	Machined brass
Matched arrangement	No
Radial internal clearance	C3
Material, bearing	Bearing steel
Coating	Without
Sealing	Without
Lubricant	None
Relubrication feature	Without
Indicative carbon footprint for new product	3.5 kg CO ₂ e

Logistics	
Product net weight	0.97 kg
eClass code	23-05-08-01
UNSPSC code	31171504