

6309 NR



Single row deep groove ball bearings with a snap ring groove 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. The snap ring, fitted in an annular groove in the outer ring, facilitates axial location of the bearings within their housings.

- Snap ring facilitates axial location within housing
- Simple, versatile and robust design
- Low friction and 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	9 500 r/min
AGA performance class	AGA Explorer
Properties	
Filling slots	Without
Number of rows	1

Locating feature, bearing outer ring	Snap ring (fitted)
Bore type	Cylindrical
Cage	Sheet 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	0.838 kg
eClass code	23-05-08-01
UNSPSC code	31171504