

6314/W64



Single row deep groove ball bearings are the most widely used bearing type and are particularly versatile. They have low friction and are optimized for low noise and low vibration, which enables high rotational speeds. They can 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	70 mm
Outside diameter	150 mm
Width	35 mm
Performance	
Basic dynamic load rating	111 kN
Basic static load rating	68 kN
Limiting speed	2 700 r/min
Note	Limiting speed at 20 °C (70 °F) ambient temperature r/min
Maximum operating temperature	85 °C
AGA performance class	AGA Explorer
Properties	
Filling slots	Without

Number of rows	1
Locating feature, bearing outer ring	None
Bore type	Cylindrical
Cage	Sheet metal
Matched arrangement	No
Radial internal clearance	CN
Material, bearing	Bearing steel
Coating	Without
Sealing	Without
Lubricant	Solid Oil
Relubrication feature	Without
Logistics	
Product net weight	2.55 kg
eClass code	23-05-08-01
UNSPSC code	31171504