

6315-Z/C3VL0241



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	75 mm
Outside diameter	160 mm
Width	37 mm
Performance	
Basic dynamic load rating	119 kN
Basic static load rating	76.5 kN
Reference speed	9 000 r/min
Limiting speed	5 600 r/min
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	Insulated
Sealing	Shield on one side
Sealing type	Non-contact
Lubricant	None
Relubrication feature	Without
Logistics	
Product net weight	3.03 kg
eClass code	23-05-09-01
UNSPSC code	31171537