The Timken Company
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Part Number 6309-C3



Key Features

- Easy to interchange, designed as metric bearings and dimensionally interchangeable with competitor metric products
- Long bearing life through high-quality steel material
- Optimized internal geometry allows for quiet and reliable operation even at high speeds
- Includes Polyrex™ EM premium lubricant on sealed and shielded deep grove bearings for reduced torque and quieter operation
- Minimize vibration and noise in electric motor applications through super finishing, preferred clearance designation and premium grease
- Two-piece riveted steel cage ensures high rigidity and strength by reducing frictional torque

Key Dimensions

Bore (d)	45.000 mm

O.D. (D)	100.000 mm
Width (B)	25 mm
Dynamic Radial Load Rating - 1M Revs (C1)	48800 N

Other Dimensions

Max Shaft Fillet Radius	1.5 mm
Features	Open
Bearing Type	Standard DGBB

Ratings

Static Radial Load Rating (C0)	29300 N
Limiting Speed - Oil	8200 rpm
Limiting Speed - Grease	6700 rpm