**The Timken Company**
4500 Mt Pleasant St. NW
N. Canton, OH 44720
**Phone:** (234) 262-3000
**E-Mail:** CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)



# Part Number 6303



## 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)** | 17.000 mm |

| | |
|---|---|
| **O.D. (D)** | 47.000 mm |
| **Width (B)** | 14 mm |
| **Dynamic Radial Load Rating - 1M Revs (C1)** | 13600 N |

## Other Dimensions

| | |
|---|---|
| **Max Shaft Fillet Radius** | 1 mm |
| **Features** | Open |
| **Bearing Type** | Standard DGBB |

## Ratings

| | |
|---|---|
| **Static Radial Load Rating (C0)** | 6600 N |
| **Limiting Speed - Oil** | 22000 rpm |
| **Limiting Speed - Grease** | 15000 rpm |