



Air Suspension Bearing Co., Ltd



70 mm x 150 mm x 35 mm Timken 314W deep groove ball bearings

Bearing No. 314W

314W Bearing 2D drawings and 3D CAD models

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|---------------------------------|--|
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | TIMKEN |
| Minimum Buy Quantity | N/A |
| Weight | 2.89 |
| Product Group | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | Yes |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C3-Loose |
| Inch - Metric | Metric |
| Long Description | 70MM Bore; 150MM Outside Diameter; 35MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |



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| Manufacturer URL | http://www.timken.com |
| Manufacturer Item Number | 314W |
| Weight / LBS | 6.36 |
| d | 2.756 Inch 70 Millimeter |
| D | 5.906 Inch 150 Millimeter |
| Outer Race Width | 1.378 Inch 35 Millimeter |
| Design Units | METRIC |
| Ball Type | STEEL |
| Bearing Weight | 2.885 Kg |
| d - Bore | 70 mm |
| D - Outer Diameter | 150 mm |
| Bearing Width | 35 mm |
| do - Ball Diameter | 25.400 mm |
| Ce - Dynamic Radial Rating ¹ | 153000 N |
| C0 - Static Radial Rating | 101000 N |
| Limiting Speed (Grease) | 2270 rpm |
| Limiting Speed (Oil) | 2730 rpm |
| R - Inner Ring To Clear Radius ² | 2.110 mm |
| r - Outer Ring To Clear Radius ³ | 2.110 mm |
| da - Inner Ring Backing Diameter | 82.0 mm |
| Da - Outer Ring Backing Diameter | 137.900 mm |