



BEARING CORP. OF AMERICA



22310EMW33W800C4 Bearing 2D drawings and 3D CAD models

1.969 Inch | 50 Millimeter x 4.331 Inch | 110 Millimeter x 1.575 Inch | 40 Millimeter TIMKEN 22310EMW33W800C4 Bearing

Bearing No. 22310EMW33W800C4

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|---------------------------|--|
| Category | Spherical Roller Bearings |
| Inventory | 0.0 |
| Manufacturer Name | TIMKEN |
| Minimum Buy Quantity | N/A |
| Weight | 1.87 |
| EAN | 0087796026209 |
| Product Group | B04311 |
| Internal Clearance | C4-Extra Loose |
| Mounting Method | Shaft Mount |
| Rolling Element | Spherical Roller Bearing |
| Bore Profile | Straight |
| Cage Material | Bronze |
| Enclosure | Open |
| Number of Rows of Rollers | Double Row |
| Relubricatable | Yes |
| Withdrawal Sleeve | Not Applicable |
| Inch - Metric | Metric |
| Long Description | 50MM Straight Bore; 110MM Outside Diameter; 40MM Width; C4-Extra Loose Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable |
| Category | Spherical Roller Bearing |



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| UNSPSC | 31171510 |
| Harmonized Tariff Code | 84823080 |
| Noun | Bearing |
| Keyword String | Spherical |
| Manufacturer URL | http://www.timken.com |
| Manufacturer Item Number | 22310 YMW33W800C4 |
| Weight / LBS | 3.876 |
| d | 1.969 Inch 50 Millimeter |
| B | 1.575 Inch 40 Millimeter |
| Adapter Part Number | Not Applicable Inch Not Applicable Millimeter |
| D | 4.331 Inch 110 Millimeter |
| Design Unit | METRIC |
| Bearing Weight | 1.9 Kg |
| Cage Type | EM |
| UPC Code | 087796026209 |
| Superseded Part | 22310YMW33W800C4 |
| d - Bore | 50 mm |
| D - Outer Diameter | 109.993 mm |
| B - Inner Ring Width | 40 mm |
| B - Outer Ring Width | 40 mm |
| R - Inner Ring To Clear Radius ¹ | 2.0 mm |
| r - Outer Ring To Clear Radius ² | 2.0 mm |
| da - Inner Ring Backing Diameter | 65.0 mm |
| Da - Outer Ring Backing Diameter | 98.000 mm |
| C0 - Static Radial Rating | 225000 N |
| C1(2) - Dynamic Radial Rating (Two-Rows) | 227000 N |
| e - ISO Factor ³ | 0.36 |
| Y0 - ISO Factor ⁴ | 1.89 |



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|---|--------|
| Y1 - ISO Factor ⁵ | 2.81 |
| Y2 - ISO Factor ⁶ | 1.85 |
| Reference Thermal Speed Rating (Grease) | 4700 |
| Reference Thermal Speed Rating (Oil) ⁷ | 5600 |
| Cg - Geometry Factor ⁸ | 0.0549 |