



Accessories Supplies Co., Ltd.



230/500YMBW509C08C3 Bearing 2D drawings and 3D CAD models

19.685 Inch | 500 Millimeter x 28.346 Inch | 720 Millimeter x 6.575 Inch | 167 Millimeter TIMKEN 230/500YMBW509C08C3 Spherical Roller Bearings

Bearing No. 230/500YMBW509C08C3

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| Category | Spherical Roller Bearings |
| Inventory | 0.0 |
| Manufacturer Name | TIMKEN |
| Minimum Buy Quantity | N/A |
| Weight | 220.644 |
| EAN | 0087796187917 |
| Product Group | B04311 |
| Internal Clearance | C3-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 | 500MM Straight Bore; 720MM Outside Diameter; 167MM Width; C3-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 | 230/500 YMBW509C08C3 |
| Weight / LBS | 486 |
| B | 6.575 Inch 167 Millimeter |
| D | 28.346 Inch 720 Millimeter |
| Adapter Part Number | Not Applicable Inch Not Applicable Millimeter |
| d | 19.685 Inch 500 Millimeter |
| Design Unit | METRIC |
| Bearing Weight | 222 Kg |
| Cage Type | YMB |
| UPC Code | 087796187917 |
| d - Bore | 500.000 mm |
| D - Outer Diameter | 720.000 mm |
| B - Inner Ring Width | 167 mm |
| B - Outer Ring Width | 167.000 mm |
| R - Inner Ring To Clear Radius ¹ | 5.000 mm |
| r - Outer Ring To Clear Radius ² | 5.000 mm |
| da - Inner Ring Backing Diameter | 550.000 mm |
| Da - Outer Ring Backing Diameter | 673.000 mm |
| C0 - Static Radial Rating | 8160000 N |
| C1(2) - Dynamic Radial Rating (Two-Rows) | 4290000 N |
| e - ISO Factor ³ | 0.21 |
| Y0 - ISO Factor ⁴ | 3.26 |
| Y1 - ISO Factor ⁵ | 4.85 |



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| Y2 - ISO Factor ⁶ | 3.18 |
| Reference Thermal Speed Rating (Grease) | 510 |
| Reference Thermal Speed Rating (Oil) ⁷ | 580 |
| Cg - Geometry Factor ⁸ | 0.1037 |