



# JOP BEARING MFG. CORP.



23188KYMBW507C08C3 Bearing 2D drawings and 3D CAD models

## 23188KYMBW507C08C3 TIMKEN Tapered Roller Bearings Tapered Single Imperial

Bearing No. 23188KYMBW507C08C3

|                           |  |
|---------------------------|--|
| Category                  | Spherical Roller Bearings  |
| Inventory                 | 0.0  |
| Manufacturer Name         | TIMKEN   |
| Minimum Buy Quantity      | N/A  |
| Weight                    | 361.84   |
| Product Group             | M06288   |
| Internal Clearance        | C3-Loose   |
| Mounting Method           | Adapter Mount  |
| Rolling Element           | Spherical Roller Bearing   |
| Bore Profile              | Tapered  |
| Cage Material             | Bronze   |
| Enclosure                 | Open   |
| Number of Rows of Rollers | Double Row   |
| Relubricatable            | Yes  |
| Withdrawal Sleeve         | AHX3188 AOH3188<br>(Specify Bore)  |
| Withdrawal Nut            | HM3188   |
| Inch - Metric             | Metric   |
| Long Description          | 440MM Tapered Bore;<br>720MM Outside Diameter;<br>226MM Width; C3-Loose<br>Clearance; Adapter Mount<br>Mount; Double Row of<br>Spherical Roller Bearing;<br>Bronze Cage Material;<br>Open Enclosure; Yes |
| Other Features            | Single Piece Cage   Finger<br>Type   Land Piloted  |



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|   |  |
|---|--|
|   | Lubrication Groove and Holes in Outer Ring   Tapped Lifting Holes in Outer Ring Face |
| Category                                    | Spherical Roller Bearing   |
| UNSPSC                                      | 31171510   |
| Harmonized Tariff Code                      | 8482.30.00.80  |
| Noun  | Bearing  |
| Keyword String                              | Spherical  |
| Manufacturer URL                            | <a href="http://www.timken.com">http://www.timken.com</a>                            |
| Manufacturer Item Number                    | 23188KYMBW507C08C3   |
| Weight / LBS                                | 797  |
| B   | 8.898 Inch   226 Millimeter  |
| Adapter Part Number                         | SNP3188 (Specify Bore) Inch   H3188 OH3188H (Specify Bore) Millimeter                |
| d   | 17.323 Inch   440 Millimeter   |
| D   | 28.346 Inch   720 Millimeter   |
| Design Unit                                 | METRIC   |
| Bore Taper                                  | 1/12   |
| Bearing Weight                              | 367.800 Kg   |
| Cage Type                                   | YMB  |
| UPC Code                                    | 087796312463   |
| d - Bore                                    | 440.000 mm   |
| D - Outer Diameter                          | 720.000 mm   |
| B - Inner Ring Width                        | 226 mm   |
| B - Outer Ring Width                        | 226.000 mm   |
| R - Inner Ring To Clear Radius <sup>1</sup> | 5.000 mm   |
| r - Outer Ring To Clear Radius <sup>2</sup> | 5.000 mm   |
| da - Inner Ring Backing Diameter            | 500.000 mm   |
| Da - Outer Ring Backing Diameter            | 657.000 mm   |



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|   |            |
|---|------------|
| C0 - Static Radial Rating                         | 10300000 N |
| C1(2) - Dynamic Radial Rating (Two-Rows)          | 5970000 N  |
| e - ISO Factor <sup>3</sup>                       | 0.3        |
| Y0 - ISO Factor <sup>4</sup>                      | 2.26       |
| Y1 - ISO Factor <sup>5</sup>                      | 3.37       |
| Y2 - ISO Factor <sup>6</sup>                      | 2.21       |
| Reference Thermal Speed Rating (Grease)           | 410        |
| Reference Thermal Speed Rating (Oil) <sup>7</sup> | 450        |
| Cg - Geometry Factor <sup>8</sup>                 | 0.0984     |