



# BEARING CORP.OF AMERICA



231/560KYMBW37W906AC4 Bearing 2D drawings and 3D CAD models

22.047 Inch | 560 Millimeter x 36.22 Inch | 920 Millimeter x 11.024 Inch | 280 Millimeter  
**TIMKEN 231/560KYMBW37W906AC4 Spherical Roller Bearings**

Bearing No. 231/560KYMBW37W906AC4

|                                  |  |
|----------------------------------|--|
| Category                         | Spherical Roller Bearings  |
| Inventory                        | 0.0  |
| Manufacturer Name                | TIMKEN   |
| Minimum Buy Quantity             | N/A  |
| Weight                           | 727.31   |
| EAN                              | 0087796229433  |
| Product Group                    | M06288   |
| Internal Clearance               | C4-Extra 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  |
| Adapter Part Number - Millimeter | H31/560 (Specify bore)   |
| Withdrawal Sleeve                | AH31/560<br>AOH31/560(Specify bore)  |
| Inch - Metric                    | Metric   |
| Long Description                 | 560MM Tapered Bore;<br>920MM Outside Diameter;<br>280MM Width; C4-Extra Loose Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; |



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|   |   |
|---|---|
|   | Bronze Cage Material;<br>Open Enclosure;<br>Relubricatable; Adapter           |
| Other Features                              | Order adapter or withdrawal sleeve or nut separately. Others may be available |
| Category                                    | Spherical Roller Bearing  |
| UNSPSC                                      | 31171510  |
| Harmonized Tariff Code                      | 8482.30.80.00   |
| Noun  | Bearing   |
| Keyword String                              | Spherical   |
| Manufacturer URL                            | <a href="http://www.timken.com">http://www.timken.com</a>                     |
| Manufacturer Item Number                    | 231/560<br>KYMBW37W906AC4   |
| Weight / LBS                                | 1,602   |
| d   | 22.047 Inch   560 Millimeter  |
| B   | 11.024 Inch   280 Millimeter  |
| D   | 36.22 Inch   920 Millimeter   |
| Design Unit                                 | METRIC  |
| Bore Taper                                  | 1/12  |
| Bearing Weight                              | 751.000 Kg  |
| Cage Type                                   | YMB   |
| UPC Code                                    | 087796229433  |
| d - Bore                                    | 560.000 mm  |
| D - Outer Diameter                          | 920.000 mm  |
| B - Inner Ring Width                        | 280 mm  |
| B - Outer Ring Width                        | 280.000 mm  |
| R - Inner Ring To Clear Radius <sup>1</sup> | 6.000 mm  |
| r - Outer Ring To Clear Radius <sup>2</sup> | 6.000 mm  |
| da - Inner Ring Backing Diameter            | 638.000 mm  |
| Da - Outer Ring Backing                     | 838.000 mm  |



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|   |            |
|---|------------|
| Diameter  |            |
| C0 - Static Radial Rating                         | 16400000 N |
| C1(2) - Dynamic Radial Rating (Two-Rows)          | 9240000 N  |
| e - ISO Factor <sup>3</sup>                       | 0.29       |
| Y0 - ISO Factor <sup>4</sup>                      | 2.33       |
| Y1 - ISO Factor <sup>5</sup>                      | 3.47       |
| Y2 - ISO Factor <sup>6</sup>                      | 2.28       |
| Reference Thermal Speed Rating (Grease)           | 290        |
| Reference Thermal Speed Rating (Oil) <sup>7</sup> | 310        |
| Cg - Geometry Factor <sup>8</sup>                 | 0.1148     |