



# KRY BEARING AFRICA PRIVATE LTD.



22309EJW33C3 Bearing 2D drawings and 3D CAD models

1.772 Inch | 45 Millimeter x 3.937 Inch | 100 Millimeter x 1.417 Inch | 36 Millimeter TIMKEN 22309EJW33C3 Spherical Roller Bearings

Bearing No. 22309EJW33C3

|                           |   |
|---------------------------|---|
| Category                  | Spherical Roller Bearings   |
| Inventory                 | 0.0   |
| Manufacturer Name         | TIMKEN  |
| Minimum Buy Quantity      | N/A   |
| Weight                    | 1.763   |
| EAN                       | 0087796023673   |
| Product Group             | B04311  |
| Internal Clearance        | C3-Loose  |
| Mounting Method           | Shaft Mount   |
| Rolling Element           | Spherical Roller Bearing  |
| Bore Profile              | Straight  |
| Cage Material             | Steel   |
| Enclosure                 | Open  |
| Number of Rows of Rollers | Double Row  |
| Relubricatable            | Yes   |
| Withdrawal Sleeve         | Not Applicable  |
| Inch - Metric             | Metric  |
| Long Description          | 45MM Straight Bore;<br>100MM Outside Diameter;<br>36MM Width; C3-Loose Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable |
| Category                  | Spherical Roller Bearing  |
| UNSPSC                    | 31171510  |



## KRY BEARING AFRICA PRIVATE LTD.

|   |   |
|---|---|
| Harmonized Tariff Code                      | 84823080  |
| Noun  | Bearing   |
| Keyword String                              | Spherical   |
| Manufacturer URL                            | <a href="http://www.timken.com">http://www.timken.com</a> |
| Manufacturer Item Number                    | 22309 CJW33C3   |
| Weight / LBS                                | 1.176   |
| d   | 1.772 Inch   45 Millimeter                                |
| D   | 3.937 Inch   100 Millimeter                               |
| B   | 1.417 Inch   36 Millimeter                                |
| Adapter Part Number                         | Not Applicable Inch   Not Applicable Millimeter           |
| Design Unit                                 | METRIC  |
| Bearing Weight                              | 1.3 Kg  |
| Cage Type                                   | EJ  |
| UPC Code                                    | 087796023673  |
| Superseded Part                             | 22309CJW33C3  |
| d - Bore                                    | 45 mm   |
| D - Outer Diameter                          | 100 mm  |
| B - Inner Ring Width                        | 36 mm   |
| B - Outer Ring Width                        | 36 mm   |
| R - Inner Ring To Clear Radius <sup>1</sup> | 1.5 mm  |
| r - Outer Ring To Clear Radius <sup>2</sup> | 1.5 mm  |
| da - Inner Ring Backing Diameter            | 58.000 mm   |
| Da - Outer Ring Backing Diameter            | 90.000 mm   |
| C0 - Static Radial Rating                   | 182000 N  |
| C1(2) - Dynamic Radial Rating (Two-Rows)    | 190000 N  |
| e - ISO Factor <sup>3</sup>                 | 0.36  |
| Y0 - ISO Factor <sup>4</sup>                | 1.9   |
| Y1 - ISO Factor <sup>5</sup>                | 2.83  |
|   |   |



## KRY BEARING AFRICA PRIVATE LTD.

|   |       |
|---|-------|
| Y2 - ISO Factor <sup>6</sup>                      | 1.86  |
| Reference Thermal Speed Rating (Grease)           | 5100  |
| Reference Thermal Speed Rating (Oil) <sup>7</sup> | 6100  |
| Cg - Geometry Factor <sup>8</sup>                 | 0.049 |