



# FAG BEARING CORP.



240 mm x 320 mm x 60 mm SKF 23948  
CC/W33 AUSTRIA Bearing 240 × 320 × 60

Bearing No. 23948 CC/W33

23948 CC/W33 Bearing 2D drawings and 3D CAD models

|                           |  |
|---------------------------|--|
| Category                  | Spherical Roller Bearings  |
| Inventory                 | 0.0  |
| Manufacturer Name         | SKF  |
| Minimum Buy Quantity      | N/A  |
| Weight                    | 15.214   |
| EAN                       | 7316577611925  |
| Product Group             | B04311   |
| Internal Clearance        | C0-Medium  |
| 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   |
| Withdrawal Nut            | Not Applicable   |
| Inch - Metric             | Metric   |
| Long Description          | 240MM Straight Bore;<br>320MM Outside Diameter;<br>60MM Width; C0-Medium<br>Clearance; Shaft Mount;<br>Double Row of Spherical<br>Roller Bearings; Steel Cage<br>Material; Open Enclosure;<br>Relubricatable |
| Category                  | Spherical Roller Bearing   |
| UNSPSC                    | 31171510   |



## FAG BEARING CORP.

|                              |   |
|------------------------------|---|
| Harmonized Tariff Code       | 84823080  |
| Noun                         | Bearing   |
| Keyword String               | Spherical   |
| Manufacturer URL             | <a href="http://www.skf.com">http://www.skf.com</a> |
| Weight / LBS                 | 29.527  |
| d                            | 9.449 Inch   240 Millimeter                         |
| D                            | 12.598 Inch   320 Millimeter                        |
| Adapter Part Number          | Not Applicable Inch   Not Applicable Millimeter     |
| B                            | 2.362 Inch   60 Millimeter                          |
| bore diameter:               | 240 mm  |
| maximum rpm:                 | 2000 RPM  |
| outside diameter:            | 320 mm  |
| operating temperature range: | Maximum of +390 ° F                                 |
| overall width:               | 60 mm   |
| cage material:               | Steel   |
| bore type:                   | Straight  |
| bearing material:            | Steel   |
| outer ring type:             | Not Split   |
| cage type:                   | Inner Ring Guided                                   |
| internal clearance:          | C0  |
| precision rating:            | Not Rated   |
| closure type:                | Open  |
| finish/coating:              | Uncoated  |
| lubrication hole type:       | Lubrication Groove & Hole                           |
| outer ring width:            | 60 mm   |
| dynamic load capacity:       | 655 kN  |
| fillet radius:               | 2 mm  |
| static load capacity:        | 1160 kN   |
| series:                      | 239   |
| d                            | 240 mm  |
| D                            | 320 mm  |



## FAG BEARING CORP.

|                                |            |
|--------------------------------|------------|
| B                              | 60 mm      |
| $d_2$                          | 261 mm     |
| $D_1$                          | 298 mm     |
| b                              | 8.3 mm     |
| K                              | 4.5 mm     |
| $r_{1,2}$ min.                 | 2.1 mm     |
| $d_a$ min.                     | 251 mm     |
| $D_a$ max.                     | 309 mm     |
| $r_a$ max.                     | 2 mm       |
| Basic dynamic load rating C    | 685 kN     |
| Basic static load rating $C_0$ | 1160 kN    |
| Fatigue load limit $P_u$       | 98 kN      |
| Reference speed                | 1900 r/min |
| Limiting speed                 | 2000 r/min |
| Calculation factor e           | 0.15       |
| Calculation factor $Y_1$       | 4.5        |
| Calculation factor $Y_2$       | 6.7        |
| Calculation factor $Y_0$       | 4.5        |
| Mass bearing                   | 13.5 kg    |