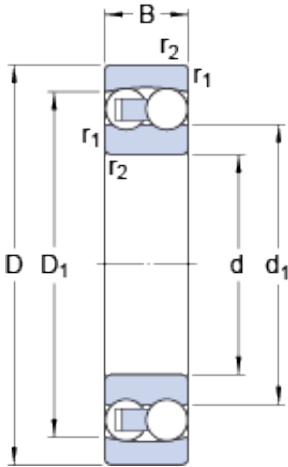




## SNR Bearing Argentina



75 mm x 160 mm x 37 mm SKF 1315 self aligning ball bearings

Bearing No. 1315

1315 Bearing 2D drawings and 3D CAD models

|   |              |
|---|--------------|
| Size                                      | 160x75x37 mm |
| Bore Diameter                             | 160 mm       |
| Outer Diameter                            | 75 mm        |
| Width                                     | 37 mm        |
| d   | 75 mm        |
| D   | 160 mm       |
| B   | 37 mm        |
| d <sub>1</sub>                            | 104.8 mm     |
| D <sub>1</sub>                            | 135.2 mm     |
| r <sub>1,2</sub> - min.                   | 2.1 mm       |
| d <sub>a</sub> - min.                     | 87 mm        |
| D <sub>a</sub> - max.                     | 148 mm       |
| r <sub>a</sub> - max.                     | 2 mm         |
| Basic dynamic load rating - C             | 79.3 kN      |
| Basic static load rating - C <sub>0</sub> | 30 kN        |
| Fatigue load limit - P <sub>u</sub>       | 1.4 kN       |
| Reference speed                           | 8000 r/min   |
| Limiting speed                            | 5600 r/min   |
| Calculation factor - k <sub>r</sub>       | 0.045        |
| Calculation factor - e                    | 0.22         |
| Calculation factor - Y <sub>0</sub>       | 2.8          |
| Calculation factor - Y <sub>1</sub>       | 2.9          |
| Calculation factor - Y <sub>2</sub>       | 4.5          |
|   |              |



## SNR Bearing Argentina

|                          |   |
|--------------------------|---|
| Category                 | Self Aligning Ball Bearings   |
| Inventory                | 0.0   |
| Manufacturer Name        | SKF   |
| Minimum Buy Quantity     | N/A   |
| Weight / Kilogram        | 3.583   |
| EAN                      | 7316576605505   |
| Product Group            | B00152  |
| Mounting Method          | Shaft   |
| Enclosure                | Open  |
| Rolling Element          | Ball Bearing  |
| Cage Material            | Steel   |
| Precision Class          | ABEC 1   ISO P0   |
| Internal Clearance       | C0-Medium   |
| Number of Rows of Balls  | Double Row  |
| Other Features           | Allowable Misalignment 3 Deg  |
| Long Description         | 75MM Bore; Shaft Mount; 160MM Outside Diameter; 37MM Inner Race Width; 37MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1   ISO P0; C0-Medium |
| Inch - Metric            | Metric  |
| Category                 | Self Aligning Ball Bearings   |
| UNSPSC                   | 31171532  |
| Harmonized Tariff Code   | 8482.10.50.68   |
| Noun                     | Bearing   |
| Keyword String           | Self Aligning   |
| Manufacturer URL         | <a href="http://www.skf.com">http://www.skf.com</a>   |
| Manufacturer Item Number | 1315  |
| Weight / LBS             | 7.893   |
| Inner Race Width         | 1.457 Inch   37 Millimeter  |
| Bore                     | 2.953 Inch   75 Millimeter  |
|                          |   |



## SNR Bearing Argentina

|                                  |                             |
|----------------------------------|-----------------------------|
| Outside Diameter                 | 6.299 Inch   160 Millimeter |
| Outer Race Width                 | 1.457 Inch   37 Millimeter  |
| bore diameter:                   | 75 mm                       |
| precision rating:                | Not Rated                   |
| outside diameter:                | 160 mm                      |
| maximum rpm:                     | 5600 RPM                    |
| overall width:                   | 37 mm                       |
| cage material:                   | Steel                       |
| bore type:                       | Straight                    |
| finish/coating:                  | Uncoated                    |
| closure type:                    | Open                        |
| outer ring width:                | 37 mm                       |
| internal clearance:              | C0                          |
| fillet radius:                   | 2 mm                        |
| dynamic load capacity:           | 79.3 kN                     |
| series:                          | 1300                        |
| static load capacity:            | 30 kN                       |
| $d_1$                            | 104.8 mm                    |
| $D_1$                            | 135.2 mm                    |
| $r_{1,2}$ min.                   | 2.1 mm                      |
| $d_a$ min.                       | 87 mm                       |
| $D_a$ max.                       | 148 mm                      |
| $r_a$ max.                       | 2 mm                        |
| Basic dynamic load rating C      | 79.3 kN                     |
| Basic static load rating $C_0$   | 30 kN                       |
| Fatigue load limit $P_u$         | 1.43 kN                     |
| Permissible angular misalignment | 3 °                         |
| Calculation factor $k_r$         | 0.045                       |
| Calculation factor e             | 0.22                        |
| Calculation factor $Y_0$         | 2.8                         |
| Calculation factor $Y_1$         | 2.9                         |
| Calculation factor $Y_2$         | 4.5                         |



## SNR Bearing Argentina

|              |         |
|--------------|---------|
| Mass bearing | 3.55 kg |
|--------------|---------|