



## BEARING Driveshaft USA CORP.



65 mm x 140 mm x 33 mm skf 6313 bearing

Bearing No. 6313

6313 Bearing 2D drawings and 3D CAD models

|   |                          |
|---|--------------------------|
| Size                                      | 140x65x33 mm             |
| Bore Diameter                             | 140 mm                   |
| Outer Diameter                            | 65 mm                    |
| Width                                     | 33 mm                    |
| d   | 65 mm                    |
| D   | 140 mm                   |
| B   | 33 mm                    |
| d <sub>1</sub>                            | 88.35 mm                 |
| D <sub>2</sub>                            | 121.3 mm                 |
| r <sub>1,2</sub> - min.                   | 2.1 mm                   |
| d <sub>a</sub> - min.                     | 77 mm                    |
| D <sub>a</sub> - max.                     | 128 mm                   |
| r <sub>a</sub> - max.                     | 2 mm                     |
| Basic dynamic load rating - C             | 97.5 kN                  |
| Basic static load rating - C <sub>0</sub> | 60 kN                    |
| Fatigue load limit - P <sub>u</sub>       | 2.5 kN                   |
| Reference speed                           | 10000 r/min              |
| Limiting speed                            | 6700 r/min               |
| Calculation factor - k <sub>r</sub>       | 0.03                     |
| Calculation factor - f <sub>0</sub>       | 13.2                     |
| Category                                  | Single Row Ball Bearings |
| Inventory                                 | 2.0                      |
| Manufacturer Name                         | SKF                      |
| Minimum Buy Quantity                      | N/A                      |
| Weight / Kilogram                         | 2.12                     |



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|                                 |   |
|---------------------------------|---|
| EAN                             | 7316577742001   |
| Product Group                   | B00308  |
| Enclosure                       | Open  |
| Precision Class                 | ABEC 1   ISO P0   |
| Maximum Capacity / Filling Slot | No  |
| Rolling Element                 | Ball Bearing  |
| Snap Ring                       | No  |
| Internal Special Features       | No  |
| Cage Material                   | Steel   |
| Internal Clearance              | C0-Medium   |
| Inch - Metric                   | Metric  |
| Long Description                | 65MM Bore; 140MM Outside Diameter; 33MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category                        | Single Row Ball Bearing   |
| UNSPSC                          | 31171504  |
| Harmonized Tariff Code          | 8482.10.50.68   |
| Noun                            | Bearing   |
| Keyword String                  | Ball  |
| Manufacturer URL                | <a href="http://www.skf.com">http://www.skf.com</a>   |
| Manufacturer Item Number        | 6313  |
| Weight / LBS                    | 4.66  |
| Outer Race Width                | 1.299 Inch   33 Millimeter  |
| Bore                            | 2.559 Inch   65 Millimeter  |
| Outside Diameter                | 5.512 Inch   140 Millimeter   |
| d <sub>1</sub>                  | 88.35 mm  |
| D <sub>2</sub>                  | 121.3 mm  |
| r <sub>1,2</sub> min.           | 2.1 mm  |
| d <sub>a</sub> min.             | 77 mm   |
|                                 |   |



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|                                |         |
|--------------------------------|---------|
| $D_a$ max.                     | 128 mm  |
| $r_a$ max.                     | 2 mm    |
| Basic dynamic load rating C    | 97.5 kN |
| Basic static load rating $C_0$ | 60 kN   |
| Fatigue load limit $P_u$       | 2.5 kN  |
| Calculation factor $k_r$       | 0.03    |
| Calculation factor $f_0$       | 13.2    |
| Mass bearing                   | 2.11 kg |