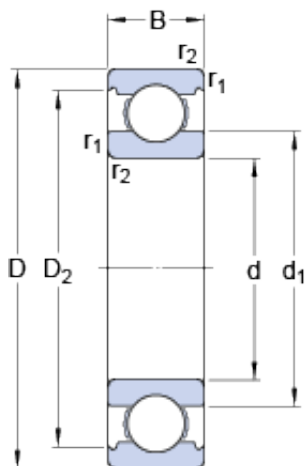




## China Abec 7 Bearing Supplier



6316 Bearing 2D drawings and 3D CAD models

### SKF Insocoat Deep Groove Ball Bearings 6316 M/C3vI0241 Ball Bearing

Bearing No. 6316

|   |                          |
|---|--------------------------|
| Size                                      | 170x80x39 mm             |
| Bore Diameter                             | 170 mm                   |
| Outer Diameter                            | 80 mm                    |
| Width                                     | 39 mm                    |
| d   | 80 mm                    |
| D   | 170 mm                   |
| B   | 39 mm                    |
| d <sub>1</sub>                            | 108 mm                   |
| D <sub>2</sub>                            | 146.9 mm                 |
| r <sub>1,2</sub> - min.                   | 2.1 mm                   |
| d <sub>a</sub> - min.                     | 92 mm                    |
| D <sub>a</sub> - max.                     | 158 mm                   |
| r <sub>a</sub> - max.                     | 2 mm                     |
| Basic dynamic load rating - C             | 130 kN                   |
| Basic static load rating - C <sub>0</sub> | 86.5 kN                  |
| Fatigue load limit - P <sub>u</sub>       | 3.2 kN                   |
| Reference speed                           | 8500 r/min               |
| Limiting speed                            | 5300 r/min               |
| Calculation factor - k <sub>r</sub>       | 0.03                     |
| Calculation factor - f <sub>0</sub>       | 13.3                     |
| Category                                  | Single Row Ball Bearings |
| Inventory                                 | 0.0                      |
| Manufacturer Name                         | SKF                      |
| Minimum Buy Quantity                      | N/A                      |



## China Abec 7 Bearing Supplier

|                                 |   |
|---------------------------------|---|
| Weight / Kilogram               | 3.66  |
| 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                | 80MM Bore; 170MM Outside Diameter; 39MM 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        | 6316  |
| Weight / LBS                    | 8.07  |
| Outer Race Width                | 1.535 Inch   39 Millimeter  |
| Outside Diameter                | 6.693 Inch   170 Millimeter   |
| Bore                            | 3.15 Inch   80 Millimeter   |
| d <sub>1</sub>                  | 108 mm  |
| D <sub>2</sub>                  | 146.9 mm  |
| r <sub>1,2</sub> min.           | 2.1 mm  |
| d <sub>a</sub> min.             | 92 mm   |
|                                 |   |



## China Abec 7 Bearing Supplier

|                                |         |
|--------------------------------|---------|
| $D_a$ max.                     | 158 mm  |
| $r_a$ max.                     | 2 mm    |
| Basic dynamic load rating C    | 130 kN  |
| Basic static load rating $C_0$ | 86.5 kN |
| Fatigue load limit $P_u$       | 3.25 kN |
| Calculation factor $k_r$       | 0.03    |
| Calculation factor $f_0$       | 13.3    |
| Mass bearing                   | 3.63 kg |