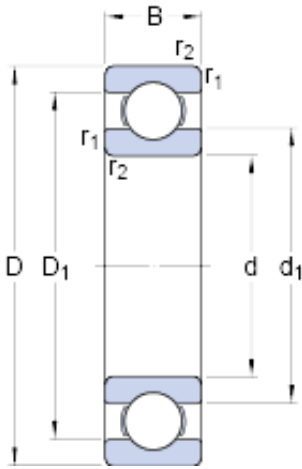




## Bearing company



200 mm x 250 mm x 24 mm skf 61840 bearing

Bearing No. 61840

61840 Bearing 2D drawings and 3D CAD models

|   |                          |
|---|--------------------------|
| Size                                      | 250x200x24 mm            |
| Bore Diameter                             | 250 mm                   |
| Outer Diameter                            | 200 mm                   |
| Width                                     | 24 mm                    |
| d   | 200 mm                   |
| D   | 250 mm                   |
| B   | 24 mm                    |
| d <sub>1</sub>                            | 216 mm                   |
| D <sub>1</sub>                            | 234 mm                   |
| r <sub>1,2</sub> - min.                   | 1.5 mm                   |
| d <sub>a</sub> - min.                     | 207 mm                   |
| D <sub>a</sub> - max.                     | 243 mm                   |
| r <sub>a</sub> - max.                     | 1.5 mm                   |
| Basic dynamic load rating - C             | 76.1 kN                  |
| Basic static load rating - C <sub>0</sub> | 102 kN                   |
| Fatigue load limit - P <sub>u</sub>       | 2.9 kN                   |
| Reference speed                           | 5000 r/min               |
| Limiting speed                            | 3200 r/min               |
| Calculation factor - k <sub>r</sub>       | 0.015                    |
| Calculation factor - f <sub>0</sub>       | 17.2                     |
| Category                                  | Single Row Ball Bearings |
| Inventory                                 | 0.0                      |
| Manufacturer Name                         | SKF                      |
| Minimum Buy Quantity                      | N/A                      |
| Weight / Kilogram                         | 2.29                     |



## Bearing company

|                                 |   |
|---------------------------------|---|
| 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                | 200MM Bore; 250MM Outside Diameter; 24MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage |
| Other Features                  | Deep Groove   |
| 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>   |
| Weight / LBS                    | 2.35  |
| Outer Race Width                | 0.945 Inch   24 Millimeter  |
| Bore                            | 7.874 Inch   200 Millimeter   |
| Inner Race Width                | 0 Inch   0 Millimeter   |
| Outside Diameter                | 9.843 Inch   250 Millimeter   |
| d <sub>1</sub>                  | 216 mm  |
| D <sub>1</sub>                  | 234 mm  |
| r <sub>1,2</sub> min.           | 1.5 mm  |



## Bearing company

|                                |         |
|--------------------------------|---------|
| $d_a$ min.                     | 207 mm  |
| $D_a$ max.                     | 243 mm  |
| $r_a$ max.                     | 1.5 mm  |
| Basic dynamic load rating C    | 76.1 kN |
| Basic static load rating $C_0$ | 102 kN  |
| Fatigue load limit $P_u$       | 2.9 kN  |
| Calculation factor $k_r$       | 0.015   |
| Calculation factor $f_0$       | 17.2    |
| Mass bearing                   | 2.34 kg |