



Bearing No. 24140 CC/W33

|   |                           |
|---|---------------------------|
| Size                                      | 340x200x140 mm            |
| Bore Diameter                             | 340 mm                    |
| Outer Diameter                            | 200 mm                    |
| Width                                     | 140 mm                    |
| d   | 200 mm                    |
| D   | 340 mm                    |
| B   | 140 mm                    |
| d <sub>2</sub>                            | 226 mm                    |
| D <sub>1</sub>                            | 284 mm                    |
| b   | 11.1 mm                   |
| K   | 6 mm                      |
| r <sub>1,2</sub> - min.                   | 3 mm                      |
| d <sub>a</sub> - min.                     | 214 mm                    |
| D <sub>a</sub> - max.                     | 326 mm                    |
| r <sub>a</sub> - max.                     | 2.5 mm                    |
| Basic dynamic load rating - C             | 1865 kN                   |
| Basic static load rating - C <sub>0</sub> | 2800 kN                   |
| Fatigue load limit - P <sub>u</sub>       | 232 kN                    |
| Reference speed                           | 1000 r/min                |
| Limiting speed                            | 1400 r/min                |
| Calculation factor - e                    | 0.4                       |
| Calculation factor - Y <sub>1</sub>       | 1.7                       |
| Calculation factor - Y <sub>2</sub>       | 2.5                       |
| Calculation factor - Y <sub>0</sub>       | 1.6                       |
| Category                                  | Spherical Roller Bearings |
| BDI Inventory                             | 0.0                       |
| Manufacturer Name                         | SKF                       |

|                           |  |
|---------------------------|--|
| Minimum Buy Quantity      | N/A  |
| Weight / Kilogram         | 54.999   |
| EAN                       | 7316577005045  |
| Product Group - BDI       | 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          | 200MM Straight Bore; 340MM Outside Diameter; 140MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable |
| Category - BDI            | Spherical Roller Bearing   |
| UNSPSC                    | 31171510   |
| Harmonized Tariff Code    | 84823080   |
| Noun                      | Bearing  |
| Keyword String            | Spherical  |
| Manufacturer URL          | <a href="http://www.skf.com">http://www.skf.com</a>  |
| Weight / LBS              | 121.144  |
| Outside Diameter          | 13.386 Inch   340 Millimeter   |
| Adapter Part Number       | Not Applicable Inch   Not  |

|                                | Applicable Millimeter       |
|--------------------------------|-----------------------------|
| Bore                           | 7.874 Inch   200 Millimeter |
| Width                          | 5.512 Inch   140 Millimeter |
| $d_2$ ?                        | 226 mm                      |
| $D_1$ ?                        | 284 mm                      |
| $r_{1,2}$ min.                 | 3 mm                        |
| $d_a$ min.                     | 214 mm                      |
| $D_a$ max.                     | 326 mm                      |
| $r_a$ max.                     | 2.5 mm                      |
| Basic dynamic load rating C    | 1865 kN                     |
| Basic static load rating $C_0$ | 2800 kN                     |
| Fatigue load limit $P_u$       | 232 kN                      |
| Calculation factor e           | 0.4                         |
| Calculation factor $Y_1$       | 1.7                         |
| Calculation factor $Y_2$       | 2.5                         |
| Calculation factor $Y_0$       | 1.6                         |
| Mass bearing                   | 53.5 kg                     |