



Bearing No. 29240 E

|                                  |                       |
|----------------------------------|-----------------------|
| Size                             | 280x200x48 mm         |
| Bore Diameter                    | 280 mm                |
| Outer Diameter                   | 200 mm                |
| Width                            | 48 mm                 |
| d                                | 200 mm                |
| D                                | 280 mm                |
| H                                | 48 mm                 |
| $d_1$                            | 260 mm                |
| $D_1$                            | 233 mm                |
| B                                | 30 mm                 |
| $B_1$                            | 43.4 mm               |
| C                                | 24 mm                 |
| s                                | 108 mm                |
| $r_{1,2}$ - min.                 | 2 mm                  |
| $d_a$ - min.                     | 235 mm                |
| $d_{b1}$ - max.                  | 206 mm                |
| $d_{b2}$ - max.                  | 207 mm                |
| $H_a$ - min.                     | 17 mm                 |
| $D_a$ - max.                     | 253 mm                |
| $r_a$ - max.                     | 2 mm                  |
| Basic dynamic load rating - C    | 656 kN                |
| Basic static load rating - $C_0$ | 2650 kN               |
| Fatigue load limit - $P_u$       | 285 kN                |
| Reference speed                  | 1400 r/min            |
| Limiting speed                   | 2200 r/min            |
| Factor min. axial load - A       | 0.67                  |
| Category                         | Thrust Roller Bearing |

29240 E SKF Thrust Roller Bearings

|                            |  |
|----------------------------|--|
| BDI Inventory              | 0.0  |
| Manufacturer Name          | SKF  |
| Minimum Buy Quantity       | N/A  |
| Weight / Kilogram          | 8.657  |
| EAN                        | 7316571200026  |
| Product Group - BDI        | B04311   |
| Rolling Element            | Spherical Roller Bearing   |
| Self Aligning              | Yes  |
| Component Description      | Roller Assembly plus Raceways  |
| Thrust Bearing             | Yes  |
| Single or Double Direction | Single Direction   |
| Banded                     | No   |
| Cage Material              | Steel  |
| Precision Class            | ABEC 1   ISO P0  |
| Other Features             | Single Row   Window Type Cage  |
| Long Description           | 200MM Bore 1;<br>232.5MM Bore 2;<br>280MM Outside Diameter; 48MM Height; Spherical Roller Bearing; Single Direction; Self Aligning; Not Banded; Steel Cage; ABEC 1   ISO P0; Roller Assembly plus Raceways |
| Inch - Metric              | Metric   |
| Category - BDI             | Thrust Roller Bearings   |
| UNSPSC                     | 31171507   |
| Harmonized Tariff Code     | 8482.30.00.40  |
| Noun                       | Bearing  |
| Keyword 3                  | Spherical  |
| Keyword String             | Thrust Roller Spherical  |
|                            |  |

|                                     |   |
|-------------------------------------|---|
| Manufacturer URL                    | <a href="http://www.skf.com">http://www.skf.com</a> |
| Manufacturer Item Number            | 29240 E   |
| Weight / LBS                        | 20.503  |
| Bore 2                              | 9.154 Inch   232.5 Millimeter                       |
| Bore 1                              | 7.874 Inch   200 Millimeter                         |
| Outside Diameter                    | 11.024 Inch   280 Millimeter                        |
| Height                              | 1.89 Inch   48 Millimeter                           |
| Overall Height with Aligning Washer | 0 Inch   0 Millimeter                               |
| $d_1$ ?                             | 260 mm  |
| $D_1$ ?                             | 233 mm  |
| $B_1$                               | 43.4 mm   |
| $r_{1,2}$ min.                      | 2 mm  |
| $d_a$ min.                          | 235 mm  |
| $d_{b1}$ max.                       | 206 mm  |
| $d_{b2}$ max.                       | 207 mm  |
| $H_a$ min.                          | 17 mm   |
| $D_a$ max.                          | 253 mm  |
| $r_a$ max.                          | 2 mm  |
| Basic dynamic load rating C         | 656 kN  |
| Basic static load rating $C_0$      | 2650 kN   |
| Fatigue load limit $P_u$            | 285 kN  |
| Minimum axial load factor A         | 0.67  |
| Mass bearing                        | 9.3 kg  |