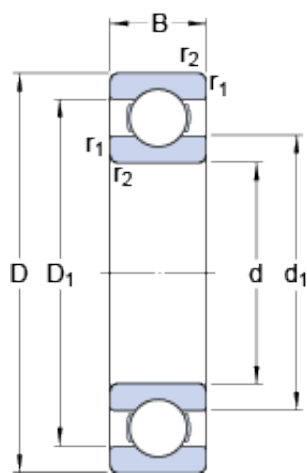




Bearing No. 6034 M

|                |                             |
|----------------|-----------------------------|
| D              | 260 mm                      |
| d              | 170 mm                      |
| B              | 42 mm                       |
| Noun           | Bearing                     |
| Bore           | 6.693 Inch   170 Millimeter |
| UNSPSC         | 31171504                    |
| series:        | 60                          |
| Category       | Single Row Ball Bearing     |
| Inventory      | 1.0                         |
| Enclosure      | Open                        |
| Size (mm)      | 260x170x42                  |
| Snap Ring      | No                          |
| Width (mm)     | 42                          |
| bore type:     | Round                       |
| Weight / LBS   | 17.81                       |
| Mass bearing   | 8.14 kg                     |
| maximum rpm:   | 4300 RPM                    |
| Inch - Metric  | Metric                      |
| Product Group  | B00308                      |
| Cage Material  | Brass                       |
| closure type:  | Open                        |
| D <sub>1</sub> | 231.2 mm                    |
| d <sub>1</sub> | 198.8 mm                    |
| Keyword String | Ball                        |
| bore diameter: | 170 mm                      |
| cage material: | Brass                       |
| fillet radius: | 2 mm                        |
| overall width: | 42 mm                       |
| Bearing number | 6034 M                      |
|                |                             |

|                       |                                                                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Limiting speed        | 4300 r/min                                                                                                                                                     |
| Rolling Element       | Ball Bearing                                                                                                                                                   |
| finish/coating:       | Uncoated                                                                                                                                                       |
| Precision Class       | ABEC 1   ISO P0                                                                                                                                                |
| Reference speed       | 5300 r/min                                                                                                                                                     |
| Manufacturer URL      | <a href="http://www.skf.com">http://www.skf.com</a>                                                                                                            |
| Outside Diameter      | 10.236 Inch   260 Millimeter                                                                                                                                   |
| Outer Race Width      | 1.654 Inch   42 Millimeter                                                                                                                                     |
| Long Description      | 170MM Bore; 260MM Outside Diameter; 42MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Manufacturer Name     | SKF                                                                                                                                                            |
| outer ring width:     | 42 mm                                                                                                                                                          |
| outside diameter:     | 260 mm                                                                                                                                                         |
| Weight / Kilogram     | 8.09                                                                                                                                                           |
| precision rating:     | ABEC 1 (ISO Class Normal)                                                                                                                                      |
| D <sub>a</sub> max.   | 250 mm                                                                                                                                                         |
| Bore Diameter (mm)    | 260                                                                                                                                                            |
| d <sub>a</sub> min.   | 180 mm                                                                                                                                                         |
| r <sub>a</sub> max.   | 2 mm                                                                                                                                                           |
| Internal Clearance    | C0-Medium                                                                                                                                                      |
| internal clearance:   | C0                                                                                                                                                             |
| Outer Diameter (mm)   | 170                                                                                                                                                            |
| snap ring included:   | Without Snap Ring                                                                                                                                              |
| D <sub>a</sub> - max. | 250 mm                                                                                                                                                         |
| d <sub>a</sub> - min. | 180 mm                                                                                                                                                         |
| r <sub>1,2</sub> min. | 2.1 mm                                                                                                                                                         |
|                       |                                                                                                                                                                |

|                                  |                          |
|----------------------------------|--------------------------|
| $r_a$ - max.                     | 2 mm                     |
| Minimum Buy Quantity             | N/A                      |
| $d_1$ ?                          | 198.8 mm                 |
| row type & fill slot:            | Single Row Non-Fill Slot |
| static load capacity:            | 173 kN                   |
| $D_1$ ?                          | 231.2 mm                 |
| dynamic load capacity:           | 168 kN                   |
| Harmonized Tariff Code           | 8482.10.50.68            |
| Manufacturer Item Number         | 6034 M                   |
| Internal Special Features        | No                       |
| Basic dynamic load rating C      | 168 kN                   |
| Basic dynamic load rating - C    | 168 kN                   |
| Maximum Capacity / Filling Slot  | No                       |
| Fatigue load limit $P_u$         | 5 kN                     |
| Calculation factor $k_r$         | 0.025                    |
| Calculation factor $f_0$         | 15.8                     |
| Fatigue load limit - $P_u$       | 5 kN                     |
| Calculation factor - $k_r$       | 0.025                    |
| Calculation factor - $f_0$       | 15.8                     |
| Basic static load rating $C_0$   | 173 kN                   |
| Basic static load rating - $C_0$ | 173 kN                   |