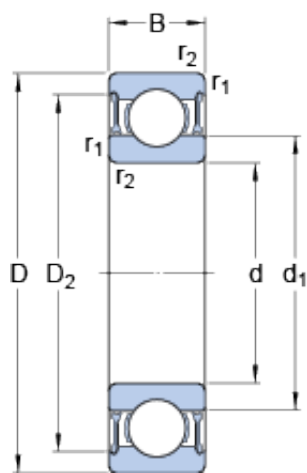




Bearing No. 61904-2RZ

|                |                            |
|----------------|----------------------------|
| D              | 37 mm                      |
| d              | 20 mm                      |
| B              | 9 mm                       |
| Bore           | 0.787 Inch   20 Millimeter |
| Noun           | Bearing                    |
| UNSPSC         | 31171504                   |
| series:        | 61                         |
| Category       | Single Row Ball Bearing    |
| Size (mm)      | 37x20x9                    |
| Snap Ring      | No                         |
| Enclosure      | 2 Seals                    |
| Inventory      | 0.0                        |
| Width (mm)     | 9                          |
| bore type:     | Round                      |
| maximum rpm:   | 20000 RPM                  |
| Weight / LBS   | 0.09                       |
| Mass bearing   | 0.038 kg                   |
| Product Group  | B00308                     |
| Cage Material  | Steel                      |
| closure type:  | Double Sealed              |
| D <sub>2</sub> | 32.7 mm                    |
| d <sub>1</sub> | 25.55 mm                   |
| Inch - Metric  | Metric                     |
| bore diameter: | 20 mm                      |
| Enclosure Type | Non-Contact Seal           |
| Bearing number | 61904-2RZ                  |
| overall width: | 9 mm                       |
| cage material: | Steel                      |
| fillet radius: | 0.3 mm                     |
|                |                            |

|                       |                                                                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Limiting speed        | 20000 r/min                                                                                                                                                    |
| Keyword String        | Ball                                                                                                                                                           |
| finish/coating:       | Uncoated                                                                                                                                                       |
| Reference speed       | 43000 r/min                                                                                                                                                    |
| Precision Class       | ABEC 1   ISO P0                                                                                                                                                |
| Rolling Element       | Ball Bearing                                                                                                                                                   |
| Outer Race Width      | 0.354 Inch   9 Millimeter                                                                                                                                      |
| Manufacturer URL      | <a href="http://www.skf.com">http://www.skf.com</a>                                                                                                            |
| Outside Diameter      | 1.457 Inch   37 Millimeter                                                                                                                                     |
| Long Description      | 20MM Bore; 37MM Outside Diameter; 9MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Weight / Kilogram     | 0.041                                                                                                                                                          |
| Manufacturer Name     | SKF                                                                                                                                                            |
| precision rating:     | Not Rated                                                                                                                                                      |
| outside diameter:     | 37 mm                                                                                                                                                          |
| outer ring width:     | 9 mm                                                                                                                                                           |
| Bore Diameter (mm)    | 37                                                                                                                                                             |
| Internal Clearance    | C0-Medium                                                                                                                                                      |
| r <sub>a</sub> max.   | 0.3 mm                                                                                                                                                         |
| d <sub>a</sub> min.   | 22 mm                                                                                                                                                          |
| D <sub>a</sub> max.   | 35 mm                                                                                                                                                          |
| d <sub>a</sub> max.   | 25.5 mm                                                                                                                                                        |
| Outer Diameter (mm)   | 20                                                                                                                                                             |
| internal clearance:   | C0                                                                                                                                                             |
| d <sub>a</sub> - min. | 22 mm                                                                                                                                                          |
| Minimum Buy Quantity  | N/A                                                                                                                                                            |
| r <sub>a</sub> - max. | 0.3 mm                                                                                                                                                         |
| r <sub>1,2</sub> min. | 0.3 mm                                                                                                                                                         |

|                                  |                          |
|----------------------------------|--------------------------|
| $d_a$ - max.                     | 25.5 mm                  |
| $D_a$ - max.                     | 35 mm                    |
| static load capacity:            | 3.65 kN                  |
| row type & fill slot:            | Single Row Non-Fill Slot |
| $D_2$ ?                          | 32.7 mm                  |
| $d_1$ ?                          | 25.55 mm                 |
| dynamic load capacity:           | 6.37 kN                  |
| $r_{1,2}$ - min.                 | 0.3 mm                   |
| Harmonized Tariff Code           | 8482.10.50.68            |
| Manufacturer Item Number         | 61904-2RZ                |
| Internal Special Features        | No                       |
| Basic dynamic load rating C      | 6.37 kN                  |
| operating temperature range:     | -40 to +210 °F           |
| Basic dynamic load rating - C    | 6.4 kN                   |
| Maximum Capacity / Filling Slot  | No                       |
| Fatigue load limit $P_u$         | 0.156 kN                 |
| Calculation factor $k_r$         | 0.02                     |
| Calculation factor $f_0$         | 14.7                     |
| Calculation factor - $k_r$       | 0.02                     |
| Calculation factor - $f_0$       | 14.7                     |
| Fatigue load limit - $P_u$       | 0.156 kN                 |
| Basic static load rating $C_0$   | 3.65 kN                  |
| Basic static load rating - $C_0$ | 3.6 kN                   |