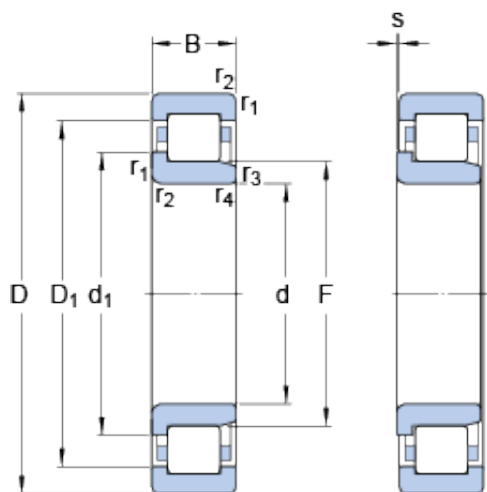




Bearing No. NJ 2206 ECJ

|               |                                    |
|---------------|------------------------------------|
| F             | 37.5 mm                            |
| s             | 1.8 mm                             |
| d             | 30 mm                              |
| D             | 62 mm                              |
| B             | 20 mm                              |
| Bore          | 1.181 Inch   30 Millimeter         |
| Noun          | Bearing                            |
| Width         | 0.787 Inch   20 Millimeter         |
| UNSPSC        | 31171547                           |
| s max.        | 1.8 mm                             |
| series:       | NJ22                               |
| Profile       | Complete with Outer and Inner Ring |
| flanges:      | (2) Outer Ring, (1) Inner Ring     |
| Category      | Cylindrical Roller Bearing         |
| Retainer      | Yes                                |
| Size (mm)     | 62x30x20                           |
| Snap Ring     | No                                 |
| Separable     | Inner Ring - One Side              |
| Inventory     | 0.0                                |
| bore type:    | Straight                           |
| Width (mm)    | 20                                 |
| maximum rpm:  | 14000 RPM                          |
| Weight / LBS  | 0.628                              |
| Bore Profile  | Straight                           |
| Mass bearing  | 0.27 kg                            |
| closure type: | Open                               |
| Product Group | B04144                             |

|                  |                                                                                                                                                                                                                    |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| d <sub>1</sub>   | 41.2 mm                                                                                                                                                                                                            |
| Cage Material    | Steel                                                                                                                                                                                                              |
| D <sub>1</sub>   | 51.95 mm                                                                                                                                                                                                           |
| Inch - Metric    | Metric                                                                                                                                                                                                             |
| Bearing number   | NJ 2206 ECJ                                                                                                                                                                                                        |
| Relubricatable   | Yes                                                                                                                                                                                                                |
| fillet radius:   | 1 mm                                                                                                                                                                                                               |
| cage material:   | Steel                                                                                                                                                                                                              |
| Limiting speed   | 14000 r/min                                                                                                                                                                                                        |
| bore diameter:   | 30 mm                                                                                                                                                                                                              |
| Other Features   | High Capacity   1 Rib Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID                                                                                                                                        |
| overall width:   | 20 mm                                                                                                                                                                                                              |
| finish/coating:  | Uncoated                                                                                                                                                                                                           |
| number of rows:  | 1                                                                                                                                                                                                                  |
| Reference speed  | 13000 r/min                                                                                                                                                                                                        |
| Precision Class  | RBEC 1   ISO P0                                                                                                                                                                                                    |
| Rolling Element  | Cylindrical Roller Bearing                                                                                                                                                                                         |
| Long Description | 30MM Bore; Straight Bore Profile; 62MM Outside Diameter; 20MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance |
| Limiting value e | 0.3                                                                                                                                                                                                                |
| ring separation: | Separable Ring                                                                                                                                                                                                     |
| Outside Diameter | 2.441 Inch   62 Millimeter                                                                                                                                                                                         |
| Manufacturer URL | <a href="http://www.skf.com">http://www.skf.com</a>                                                                                                                                                                |

|                          |               |
|--------------------------|---------------|
| bearing material:        | Steel         |
| Manufacturer Name        | SKF           |
| outer ring width:        | 20 mm         |
| outside diameter:        | 62 mm         |
| precision rating:        | Not Rated     |
| Weight / Kilogram        | 0.29          |
| d <sub>a</sub> min.      | 35.3 mm       |
| d <sub>a</sub> max.      | 36.1 mm       |
| d <sub>b</sub> min.      | 43 mm         |
| r <sub>a</sub> max.      | 1 mm          |
| D <sub>a</sub> max.      | 55.9 mm       |
| Bore Diameter (mm)       | 62            |
| Internal Clearance       | C0-Medium     |
| Axial load factor Y      | 0.4           |
| internal clearance:      | C0            |
| Outer Diameter (mm)      | 30            |
| r <sub>1,2</sub> min.    | 1 mm          |
| r <sub>3,4</sub> min.    | 0.6 mm        |
| r <sub>a</sub> - max.    | 1 mm          |
| Minimum Buy Quantity     | N/A           |
| D <sub>a</sub> - max.    | 55.9 mm       |
| d <sub>a</sub> - min.    | 35.3 mm       |
| d <sub>b</sub> - min.    | 43 mm         |
| d <sub>a</sub> - max.    | 36.1 mm       |
| static load capacity:    | 49 kN         |
| d <sub>1</sub> ?         | 41.2 mm       |
| D <sub>1</sub> ?         | 51.95 mm      |
| Harmonized Tariff Code   | 8482.50.00.00 |
| r <sub>1,2</sub> - min.  | 1 mm          |
| dynamic load capacity:   | 55 kN         |
| r <sub>3,4</sub> - min.  | 1 mm          |
| Manufacturer Item Number | NJ 2206 ECJ   |

|                                  |                    |
|----------------------------------|--------------------|
| Number of Rows of Rollers        | Single Row         |
| Basic dynamic load rating C      | 55 kN              |
| operating temperature range:     | Maximum of +300 °F |
| Basic dynamic load rating - C    | 55 kN              |
| Fatigue load limit $P_u$         | 6.1 kN             |
| Calculation factor $k_r$         | 0.2                |
| Fatigue load limit - $P_u$       | 6.1 kN             |
| Calculation factor - $k_r$       | 0.2                |
| Basic static load rating $C_0$   | 49 kN              |
| Basic static load rating - $C_0$ | 49 kN              |