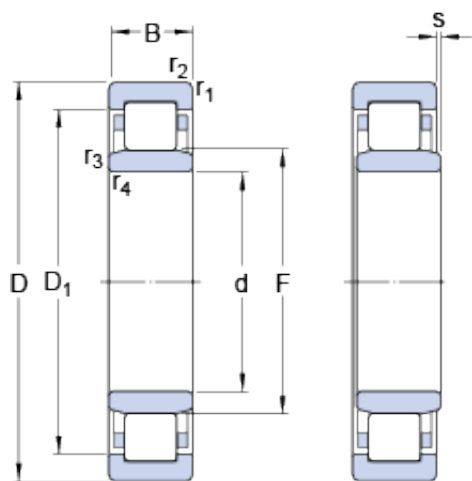




Bearing No. NU 2215 ECJ

|                |                                    |
|----------------|------------------------------------|
| s              | 1.7 mm                             |
| F              | 88.5 mm                            |
| d              | 75 mm                              |
| D              | 130 mm                             |
| B              | 31 mm                              |
| Noun           | Bearing                            |
| Bore           | 2.953 Inch   75 Millimeter         |
| Width          | 1.22 Inch   31 Millimeter          |
| UNSPSC         | 31171547                           |
| s max.         | 1.7 mm                             |
| series:        | NU22                               |
| Profile        | Complete with Outer and Inner Ring |
| flanges:       | (2) Outer Ring                     |
| Category       | Cylindrical Roller Bearing         |
| Retainer       | Yes                                |
| Size (mm)      | 130x75x31                          |
| Snap Ring      | No                                 |
| Separable      | Inner Ring - Both Sides            |
| Inventory      | 1.0                                |
| bore type:     | Straight                           |
| Width (mm)     | 31                                 |
| maximum rpm:   | 6000 RPM                           |
| Weight / LBS   | 3.653                              |
| Bore Profile   | Straight                           |
| Mass bearing   | 1.61 kg                            |
| closure type:  | Open                               |
| Product Group  | B04144                             |
| D <sub>1</sub> | 113.2 mm                           |

|                   |                                                                                                                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cage Material     | Steel                                                                                                                                                                                                   |
| Inch - Metric     | Metric                                                                                                                                                                                                  |
| Bearing number    | NU 2215 ECJ                                                                                                                                                                                             |
| Relubricatable    | Yes                                                                                                                                                                                                     |
| fillet radius:    | 1.5 mm                                                                                                                                                                                                  |
| cage material:    | Steel                                                                                                                                                                                                   |
| Limiting speed    | 6000 r/min                                                                                                                                                                                              |
| bore diameter:    | 75 mm                                                                                                                                                                                                   |
| Other Features    | High Capacity   Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID                                                                                                                             |
| overall width:    | 31 mm                                                                                                                                                                                                   |
| number of rows:   | 1                                                                                                                                                                                                       |
| Rolling Element   | Cylindrical Roller Bearing                                                                                                                                                                              |
| finish/coating:   | Uncoated                                                                                                                                                                                                |
| Reference speed   | 5600 r/min                                                                                                                                                                                              |
| Precision Class   | RBEC 1   ISO P0                                                                                                                                                                                         |
| Limiting value e  | 0.3                                                                                                                                                                                                     |
| Long Description  | 75MM Bore; Straight Bore Profile; 130MM Outside Diameter; 31MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte |
| ring separation:  | Separable Ring                                                                                                                                                                                          |
| Manufacturer URL  | <a href="http://www.skf.com">http://www.skf.com</a>                                                                                                                                                     |
| Outside Diameter  | 5.118 Inch   130 Millimeter                                                                                                                                                                             |
| outside diameter: | 130 mm                                                                                                                                                                                                  |
| Manufacturer Name | SKF                                                                                                                                                                                                     |
|                   |                                                                                                                                                                                                         |

|                          |               |
|--------------------------|---------------|
| outer ring width:        | 31 mm         |
| Weight / Kilogram        | 1.658         |
| precision rating:        | Not Rated     |
| bearing material:        | Steel         |
| r <sub>b</sub> max.      | 1.5 mm        |
| Internal Clearance       | C0-Medium     |
| r <sub>a</sub> max.      | 1.5 mm        |
| D <sub>a</sub> max.      | 121.5 mm      |
| d <sub>b</sub> min.      | 91 mm         |
| d <sub>a</sub> max.      | 86 mm         |
| d <sub>a</sub> min.      | 84 mm         |
| Bore Diameter (mm)       | 130           |
| Outer Diameter (mm)      | 75            |
| internal clearance:      | C0            |
| Axial load factor Y      | 0.4           |
| Minimum Buy Quantity     | N/A           |
| r <sub>a</sub> - max.    | 1.5 mm        |
| d <sub>a</sub> - min.    | 84 mm         |
| r <sub>b</sub> - max.    | 1.5 mm        |
| d <sub>a</sub> - max.    | 86 mm         |
| d <sub>b</sub> - min.    | 91 mm         |
| D <sub>a</sub> - max.    | 121.5 mm      |
| r <sub>1,2</sub> min.    | 1.5 mm        |
| r <sub>3,4</sub> min.    | 1.5 mm        |
| D <sub>1</sub> ?         | 113.2 mm      |
| static load capacity:    | 208 kN        |
| r <sub>3,4</sub> - min.  | 1.5 mm        |
| Harmonized Tariff Code   | 8482.50.00.00 |
| r <sub>1,2</sub> - min.  | 1.5 mm        |
| dynamic load capacity:   | 186 kN        |
| Manufacturer Item Number | NU 2215 ECJ   |
| Number of Rows of        | Single Row    |

|                                  |                    |
|----------------------------------|--------------------|
| Rollers                          |                    |
| Basic dynamic load rating C      | 186 kN             |
| operating temperature range:     | Maximum of +300 °F |
| Basic dynamic load rating - C    | 186 kN             |
| Fatigue load limit $P_u$         | 27 kN              |
| Calculation factor $k_r$         | 0.2                |
| Fatigue load limit - $P_u$       | 27 kN              |
| Calculation factor - $k_r$       | 0.2                |
| Basic static load rating $C_0$   | 208 kN             |
| Basic static load rating - $C_0$ | 208 kN             |