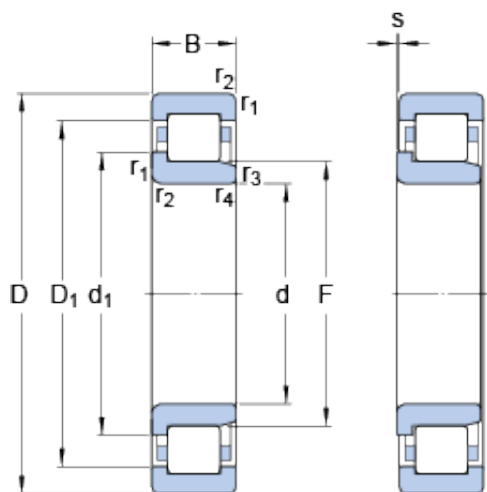




Bearing No. NJ 319 ECM

|                |                                    |
|----------------|------------------------------------|
| F              | 121.5 mm                           |
| d              | 95 mm                              |
| D              | 200 mm                             |
| B              | 45 mm                              |
| s              | 2.9 mm                             |
| Bore           | 3.74 Inch   95 Millimeter          |
| Noun           | Bearing                            |
| Width          | 1.772 Inch   45 Millimeter         |
| s max.         | 2.9 mm                             |
| UNSPSC         | 31171547                           |
| Profile        | Complete with Outer and Inner Ring |
| Retainer       | Yes                                |
| Category       | Cylindrical Roller Bearing         |
| Size (mm)      | 200x95x45                          |
| Separable      | Inner Ring - One Side              |
| Snap Ring      | No                                 |
| Inventory      | 0.0                                |
| Width (mm)     | 45                                 |
| Weight / LBS   | 16.541                             |
| Bore Profile   | Straight                           |
| Mass bearing   | 7.22 kg                            |
| D <sub>1</sub> | 168.3 mm                           |
| d <sub>1</sub> | 132 mm                             |
| Cage Material  | Brass                              |
| Inch - Metric  | Metric                             |
| Product Group  | B04144                             |
| Bearing number | NJ 319 ECM                         |
| Other Features | High Capacity   1 Rib              |

|                       |                                                                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       | Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID                                                                                                                                                   |
| Relubricatable        | Yes                                                                                                                                                                                                     |
| Limiting speed        | 4300 r/min                                                                                                                                                                                              |
| Precision Class       | RBEC 1   ISO P0                                                                                                                                                                                         |
| Rolling Element       | Cylindrical Roller Bearing                                                                                                                                                                              |
| Reference speed       | 3600 r/min                                                                                                                                                                                              |
| Outside Diameter      | 7.874 Inch   200 Millimeter                                                                                                                                                                             |
| Limiting value e      | 0.2                                                                                                                                                                                                     |
| Manufacturer URL      | <a href="http://www.skf.com">http://www.skf.com</a>                                                                                                                                                     |
| Long Description      | 95MM Bore; Straight Bore Profile; 200MM Outside Diameter; 45MM Width; Brass Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Intern |
| Weight / Kilogram     | 7.51                                                                                                                                                                                                    |
| Manufacturer Name     | SKF                                                                                                                                                                                                     |
| d <sub>a</sub> max.   | 118 mm                                                                                                                                                                                                  |
| d <sub>b</sub> min.   | 135 mm                                                                                                                                                                                                  |
| d <sub>a</sub> min.   | 110 mm                                                                                                                                                                                                  |
| Internal Clearance    | C0-Medium                                                                                                                                                                                               |
| Bore Diameter (mm)    | 200                                                                                                                                                                                                     |
| D <sub>a</sub> max.   | 185 mm                                                                                                                                                                                                  |
| r <sub>a</sub> max.   | 2.5 mm                                                                                                                                                                                                  |
| Axial load factor Y   | 0.6                                                                                                                                                                                                     |
| Outer Diameter (mm)   | 95                                                                                                                                                                                                      |
| d <sub>a</sub> - min. | 110 mm                                                                                                                                                                                                  |
| d <sub>a</sub> - max. | 118 mm                                                                                                                                                                                                  |
|                       |                                                                                                                                                                                                         |

|                                  |               |
|----------------------------------|---------------|
| $d_b$ - min.                     | 135 mm        |
| $D_a$ - max.                     | 185 mm        |
| $r_a$ - max.                     | 2.5 mm        |
| Minimum Buy Quantity             | N/A           |
| $r_{1,2}$ min.                   | 3 mm          |
| $r_{3,4}$ min.                   | 3 mm          |
| $d_1$ ?                          | 132 mm        |
| $D_1$ ?                          | 168.45 mm     |
| Harmonized Tariff Code           | 8482.50.00.00 |
| $r_{1,2}$ - min.                 | 3 mm          |
| $r_{3,4}$ - min.                 | 3 mm          |
| Manufacturer Item Number         | NJ 319 ECM    |
| Number of Rows of Rollers        | Single Row    |
| Basic dynamic load rating C      | 390 kN        |
| Basic dynamic load rating - C    | 390 kN        |
| Fatigue load limit $P_u$         | 46.5 kN       |
| Calculation factor $k_r$         | 0.15          |
| Calculation factor - $k_r$       | 0.15          |
| Fatigue load limit - $P_u$       | 46.5 kN       |
| Basic static load rating $C_0$   | 390 kN        |
| Basic static load rating - $C_0$ | 390 kN        |