

# SL024944 INA 220x300x80mm Retainer No Cylindrical roller bearings

|                     |  |
|---------------------|--|
| Bearing number      | SL024944                                   |
| Size (mm)           | 220x300x80                                 |
| Brand               | INA  |
| Bore Diameter (mm)  | 220  |
| Outer Diameter (mm) | 300  |
| Width (mm)          | 80   |
| d                   | 220 mm                                     |
| D                   | 300 mm                                     |
| B                   | 80 mm                                      |
| C                   | 40 mm                                      |
| d <sub>1</sub>      | 248 mm                                     |
| E                   | 276.52 mm                                  |
| r <sub>min</sub>    | 2.1 mm                                     |
| s                   | 5 mm / Axial displacement                  |
|                     | NNCL4944V / Designation to DIN 5412        |
| m                   | 16.7 kg / Weight                           |
| C <sub>r</sub>      | 700000 N / Dynamic load rating<br>(radial) |
| C <sub>0r</sub>     | 1550000 N / Static load rating<br>(radial) |
| C <sub>ur</sub>     | 182000 N / Fatigue limit load.<br>radial   |
| n <sub>G</sub>      | 1220 1/min / Limiting speed                |
| Width               | 3.15 Inch   80 Millimeter                  |

|                           |  |
|---------------------------|--|
| Category                  | Cylindrical Roller Bearings  |
| BDI Inventory             | 0.0  |
| Manufacturer Name         | SCHAEFFLER GROUP   |
| Minimum Buy Quantity      | N/A  |
| Weight / Kilogram         | 20.02  |
| Product Group – BDI       | B04144   |
| Bore Profile              | Straight   |
| Cage Material             | None   |
| Precision Class           | RBEC 1   ISO P0  |
| Number of Rows of Rollers | Double Row   |
| Separable                 | Outer Ring – Both Sides  |
| Rolling Element           | Cylindrical Roller Bearing   |
| Profile                   | Complete with Outer and Inner Ring   |
| Snap Ring                 | No   |
| Internal Clearance        | C0-Medium  |
| Retainer                  | No   |
| Relubricatable            | Yes  |
| Inch – Metric             | Metric   |
| Other Features            | Full Complement   3 Rib Inner Ring   Plain Outer Ring   Operating Temperature From -30 to 120 Deg  |
| Long Description          | 220MM Bore; Straight Bore Profile; 300MM Outside Diameter; 80MM Width; RBEC 1   ISO P0; Double Row; Outer Ring – Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; No Retainer |
| Category – BDI            | Cylindrical Roller Bearing   |
| UNSPSC                    | 31171547   |
| Harmonized Tariff Code    | 8482.50.00.00  |

| Noun                     | Bearing   |
|--------------------------|---|
| Manufacturer URL         | <a href="http://www.ina.com">http://www.ina.com</a> |
| Manufacturer Item Number | SL024944  |
| Weight / LBS             | 44.088  |
| Bore                     | 8.661 Inch   220 Millimeter                         |
| Outside Diameter         | 11.811 Inch   300 Millimeter                        |