

# SL024918 INA 90x125x35mm Rolling Element Cylindrical Roller Bearing Cylindrical roller bearings

|                     |  |
|---------------------|--|
| Bearing number      | SL024918                                   |
| Size (mm)           | 90x125x35                                  |
| Brand               | INA  |
| Bore Diameter (mm)  | 90   |
| Outer Diameter (mm) | 125  |
| Width (mm)          | 35   |
| d                   | 90 mm                                      |
| D                   | 125 mm                                     |
| B                   | 35 mm                                      |
| C                   | 17.5 mm                                    |
| d <sub>1</sub>      | 103 mm                                     |
| E                   | 115.2 mm                                   |
| r <sub>min</sub>    | 1.1 mm                                     |
| s                   | 1.5 mm / Axial displacement                |
|                     | NNCL4918V / Designation to DIN 5412        |
| m                   | 1.3 kg / Weight                            |
| C <sub>r</sub>      | 153000 N / Dynamic load rating<br>(radial) |
| C <sub>0r</sub>     | 290000 N / Static load rating<br>(radial)  |
| C <sub>ur</sub>     | 39000 N / Fatigue limit load. radial       |
| n <sub>G</sub>      | 3050 1/min / Limiting speed                |

|                           |   |
|---------------------------|---|
| Category                  | Cylindrical Roller Bearings   |
| BDI Inventory             | 0.0   |
| Manufacturer Name         | SCHAEFFLER GROUP  |
| Minimum Buy Quantity      | N/A   |
| Weight / Kilogram         | 1.557   |
| 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          | 90MM Bore; Straight Bore Profile; 125MM Outside Diameter; 35MM 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 | SL024918  |
| Weight / LBS             | 3.432   |
| Bore                     | 3.543 Inch   90 Millimeter                          |
| Outside Diameter         | 4.921 Inch   125 Millimeter                         |
| Width                    | 1.378 Inch   35 Millimeter                          |