

# SL183010 INA 50x80x23mm

## Product Group – BDI B04144

### Cylindrical roller bearings

|                     |                                           |
|---------------------|-------------------------------------------|
| Bearing number      | SL183010                                  |
| Size (mm)           | 50x80x23                                  |
| Brand               | INA                                       |
| Bore Diameter (mm)  | 50                                        |
| Outer Diameter (mm) | 80                                        |
| Width (mm)          | 23                                        |
| d                   | 50 mm                                     |
| D                   | 80 mm                                     |
| B                   | 23 mm                                     |
| D <sub>1</sub>      | 67.7 mm                                   |
| d <sub>1</sub>      | 59.1 mm                                   |
| E                   | 72.33 mm                                  |
| r <sub>min</sub>    | 1 mm                                      |
| s                   | 2 mm / Axial displacement                 |
| m                   | 0.43 kg / Weight                          |
| C <sub>r</sub>      | 88000 N / Dynamic load rating<br>(radial) |
| C <sub>0r</sub>     | 94000 N / Static load rating<br>(radial)  |
| C <sub>ur</sub>     | 15100 N / Fatigue limit load. radial      |
| n <sub>G</sub>      | 5300 1/min / Limiting speed               |
| Category            | Cylindrical Roller Bearings               |
| BDI Inventory       | 0.0                                       |

|                           |                                                                                                                                                                                          |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manufacturer Name         | SCHAEFFLER GROUP                                                                                                                                                                         |
| Minimum Buy Quantity      | N/A                                                                                                                                                                                      |
| Weight / Kilogram         | 0.52                                                                                                                                                                                     |
| EAN                       | 4012802513868                                                                                                                                                                            |
| Product Group – BDI       | B04144                                                                                                                                                                                   |
| Bore Profile              | Straight                                                                                                                                                                                 |
| Cage Material             | None                                                                                                                                                                                     |
| Precision Class           | RBEC 1   ISO P0                                                                                                                                                                          |
| Number of Rows of Rollers | Single Row                                                                                                                                                                               |
| Separable                 | No                                                                                                                                                                                       |
| 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   2 Rib Inner Ring   1 Rib Outer Ring with Retaining Ring   Operating Temperature From -30 to 120 Deg                                                                    |
| Long Description          | 50MM Bore; Straight Bore Profile; 80MM Outside Diameter; 23MM Width; RBEC 1   ISO P0; Single Row; Not 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 | SL183010                                            |
| Weight / LBS             | 1.135                                               |
| Outside Diameter         | 3.15 Inch   80 Millimeter                           |
| Width                    | 0.906 Inch   23 Millimeter                          |
| Bore                     | 1.969 Inch   50 Millimeter                          |