

SL045024-PP INA 120x180x80mm rmin 0.6 mm Cylindrical roller bearings

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| Bearing number | SL045024-PP |
| Size (mm) | 120x180x80 |
| Brand | INA |
| Bore Diameter (mm) | 120 |
| Outer Diameter (mm) | 180 |
| Width (mm) | 80 |
| d | 120 mm |
| D | 180 mm |
| B | 80 mm |
| | 30 ° / Chamfer angle |
| C | 79 mm |
| C ₁ | 71.2 mm / Tolerance: +0.2 |
| C _{a1} – 65 mm / Mounting dimension for snap ring WRE / Tolerance: -0,2 | 65 mm / Mounting dimension for snap ring WRE / Tolerance: 0.2 |
| C _{a2} – 63 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: -0,2 | 63 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: 0.2 |
| D ₁ | 176 mm / Tolerance: +0.2 |
| d ₁ | 140.9 mm |
| d ₂ | 153 mm |
| d ₃ | 196 mm / Outside diameter of snap ring WRE |

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|---------------------------|---|
| m | 4.2 mm |
| r_{min} | 0.6 mm |
| t | 1.8 mm |
| X | 64 mm / Distance between rolling elements |
| m | 7.04 kg / Weight |
| C_r | 410000 N / Dynamic load rating (radial) |
| C_{0r} | 740000 N / Static load rating (radial) |
| C_{ur} | 99000 N |
| $n_{G\ Fett}$ | 900 1/min / Limiting speed for grease lubrication |
| | WRE180 / Designation for snap ring WRE |
| Category | Cylindrical Roller Bearings |
| BDI Inventory | 0.0 |
| Manufacturer Name | SCHAEFFLER GROUP |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 8.438 |
| Product Group – BDI | B04144 |
| Bore Profile | Straight |
| Cage Material | None |
| Precision Class | RBEC 1 ISO P0 |
| Number of Rows of Rollers | Double Row |
| Separable | No |
| Rolling Element | Cylindrical Roller Bearing |
| Profile | Complete with Outer and Inner Ring |
| Snap Ring | Yes |

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|--------------------------|---|
| Internal Clearance | C0-Medium |
| Retainer | No |
| Relubricatable | Yes |
| Inch – Metric | Metric |
| Other Features | Full Complement 3 Rib Inner Ring 1 Rib Outer Ring Seals on Both Sides Operating Temperature From -20 to 80 Deg |
| Long Description | 120MM Bore; Straight Bore Profile; 180MM Outside Diameter; 80MM Width; RBEC 1 ISO P0; Double Row; Not Separable; 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 | http://www.ina.com |
| Manufacturer Item Number | SL045024PP |
| Weight / LBS | 18.586 |
| Outside Diameter | 7.087 Inch 180 Millimeter |
| Width | 3.15 Inch 80 Millimeter |
| Bore | 4.724 Inch 120 Millimeter |