



Bearing No. SL045004-PP

|                |                                             |
|----------------|---------------------------------------------|
|                | WRE42 / Designation for snap ring WRE       |
| m              | 0,2 kg / Weight                             |
| X              | 22,5 mm / Distance between rolling elements |
| t              | 0,5 mm                                      |
| d              | 20 mm                                       |
| D              | 42 mm                                       |
| B              | 30 mm                                       |
| C              | 29 mm                                       |
| Noun           | Bearing                                     |
| Bore           | 0.787 Inch   20 Millimeter                  |
| Width          | 1.181 Inch   30 Millimeter                  |
| UNSPSC         | 31171547                                    |
| Profile        | Complete with Outer and Inner Ring          |
| Retainer       | No                                          |
| Category       | Cylindrical Roller Bearing                  |
| Snap Ring      | Yes                                         |
| Separable      | No                                          |
| Size (mm)      | 20x42x30                                    |
| Inventory      | 4.0                                         |
| Width (mm)     | 30                                          |
| Bore Profile   | Straight                                    |
| Weight / LBS   | 0.528                                       |
| Product Group  | B04144                                      |
| d <sub>3</sub> | 47 mm / Outside diameter of snap ring WRE   |

| Inch - Metric    | Metric                                                                                                                                                                                |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $C_r$            | 41500 N / Dynamic load rating (radial)                                                                                                                                                |
| $d_2$            | 34 mm                                                                                                                                                                                 |
| $d_1$            | 30,55 mm                                                                                                                                                                              |
| $D_1$            | 40,2 mm / Tolerance: +0,2                                                                                                                                                             |
| $C_1$            | 24,7 mm / Tolerance: +0,2                                                                                                                                                             |
| Cage Material    | None                                                                                                                                                                                  |
| Relubricatable   | Yes                                                                                                                                                                                   |
| Other Features   | Full Complement   3 Rib Inner Ring   1 Rib Outer Ring   Seals on Both Sides   Operating Temperature From -20 to 80 Deg                                                                |
| Bearing number   | SL045004-PP                                                                                                                                                                           |
| $C_{Or}$         | 51000 N / Static load rating (radial)                                                                                                                                                 |
| $C_{ur}$         | 6900 N                                                                                                                                                                                |
| Rolling Element  | Cylindrical Roller Bearing                                                                                                                                                            |
| Precision Class  | RBEC 1   ISO P0                                                                                                                                                                       |
| $r_{min}$        | 0,3 mm                                                                                                                                                                                |
| Long Description | 20MM Bore; Straight Bore Profile; 42MM Outside Diameter; 30MM Width; RBEC 1   ISO P0; Double Row; Not Separable; Snap Ring; Relubricatable; C0-Medium Internal Clearance; No Retainer |
| Outside Diameter | 1.654 Inch   42 Millimeter                                                                                                                                                            |
| Manufacturer URL | <a href="http://www.ina.com">http://www.ina.com</a>                                                                                                                                   |
|                  |                                                                                                                                                                                       |

|                                                                                       |                                                                           |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Manufacturer Name                                                                     | SCHAEFFLER GROUP                                                          |
| Weight / Kilogram                                                                     | 0                                                                         |
| $n_{G \text{ Fett}}$                                                                  | 4000 1/min / Limiting speed for grease lubrication                        |
| Internal Clearance                                                                    | C0-Medium                                                                 |
| Bore Diameter (mm)                                                                    | 20                                                                        |
| Outer Diameter (mm)                                                                   | 42                                                                        |
| Minimum Buy Quantity                                                                  | N/A                                                                       |
| Harmonized Tariff Code                                                                | 8482.50.00.00                                                             |
| Manufacturer Item Number                                                              | SL045004PP                                                                |
| Number of Rows of Rollers                                                             | Double Row                                                                |
| $C_{a1}$ - 21,5 mm / Mounting dimension for snap ring WRE / Tolerance: -0,2           | 21,5 mm / Mounting dimension for snap ring WRE / Tolerance: 0,2           |
| $C_{a2}$ - 21 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: -0,2 | 21 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: 0,2 |