



Bearing No. SL04220-PP

|                |                                                  |
|----------------|--------------------------------------------------|
|                | WRE300 / Designation<br>for snap ring WRE        |
| m              | 19,5 kg / Weight                                 |
| X              | 72 mm / Distance<br>between rolling<br>elements  |
| t              | 2 mm                                             |
| d              | 220 mm                                           |
| D              | 300 mm                                           |
| B              | 95 mm                                            |
| C              | 94 mm                                            |
| Noun           | Bearing                                          |
| Bore           | 8.661 Inch   220<br>Millimeter                   |
| Width          | 3.74 Inch   95 Millimeter                        |
| UNSPSC         | 31171547                                         |
| Profile        | Complete with Outer<br>and Inner Ring            |
| Retainer       | No                                               |
| Category       | Cylindrical Roller<br>Bearing                    |
| Snap Ring      | Yes                                              |
| Separable      | No                                               |
| Size (mm)      | 220x300x95                                       |
| Inventory      | 0.0                                              |
| Width (mm)     | 95                                               |
| Bore Profile   | Straight                                         |
| Weight / LBS   | 51.48                                            |
| Product Group  | B04144                                           |
| d <sub>3</sub> | 322 mm / Outside<br>diameter of snap ring<br>WRE |
| Inch - Metric  | Metric                                           |

|                   |                                                                                                                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $C_r$             | 700000 N / Dynamic load rating (radial)                                                                                                                                                 |
| $d_2$             | 264 mm                                                                                                                                                                                  |
| $d_1$             | 248,7 mm                                                                                                                                                                                |
| $D_1$             | 294 mm / Tolerance: +0,2                                                                                                                                                                |
| $C_1$             | 83,2 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    | SL04220-PP                                                                                                                                                                              |
| $C_{0r}$          | 1550000 N / Static load rating (radial)                                                                                                                                                 |
| $C_{ur}$          | 182000 N                                                                                                                                                                                |
| Rolling Element   | Cylindrical Roller Bearing                                                                                                                                                              |
| Precision Class   | RBEC 1   ISO P0                                                                                                                                                                         |
| $r_{min}$         | 1 mm                                                                                                                                                                                    |
| Long Description  | 220MM Bore; Straight Bore Profile; 300MM Outside Diameter; 95MM Width; RBEC 1   ISO P0; Double Row; Not Separable; Snap Ring; Relubricatable; C0-Medium Internal Clearance; No Retainer |
| Outside Diameter  | 11.811 Inch   300 Millimeter                                                                                                                                                            |
| Manufacturer URL  | <a href="http://www.ina.com">http://www.ina.com</a>                                                                                                                                     |
| Manufacturer Name | SCHAEFFLER GROUP                                                                                                                                                                        |
|                   |                                                                                                                                                                                         |

|                                                                                       |                                                                           |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Weight / Kilogram                                                                     | 23.351                                                                    |
| $n_{G \text{ Fett}}$                                                                  | 480 1/min / Limiting speed for grease lubrication                         |
| Internal Clearance                                                                    | C0-Medium                                                                 |
| Bore Diameter (mm)                                                                    | 220                                                                       |
| Outer Diameter (mm)                                                                   | 300                                                                       |
| Minimum Buy Quantity                                                                  | N/A                                                                       |
| Harmonized Tariff Code                                                                | 8482.50.00.00                                                             |
| Manufacturer Item Number                                                              | SL04220PP                                                                 |
| Number of Rows of Rollers                                                             | Double Row                                                                |
| $C_{a1}$ - 75 mm / Mounting dimension for snap ring WRE / Tolerance: -0,2             | 75 mm / Mounting dimension for snap ring WRE / Tolerance: 0,2             |
| $C_{a2}$ - 73 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: -0,2 | 73 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: 0,2 |