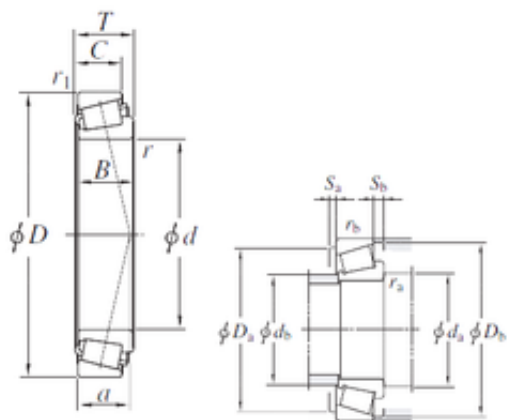




Bearing No. 30220JR

|         |                                |
|---------|--------------------------------|
| C       | 29 mm                          |
| d       | 100 mm                         |
| D       | 180 mm                         |
| T       | 37 mm                          |
| B       | 34 mm                          |
| a       | 36,8 mm                        |
| e       | 0.42                           |
| Cr      | 323                            |
| Y0      | 0.79                           |
| Y1      | 1.43                           |
| Cu      | 49.1                           |
| Db      | 168 mm                         |
| C0r     | 338                            |
| Bore    | 3.937 Inch   100<br>Millimeter |
| Noun    | Bearing                        |
| a(mm)   | 36.8                           |
| r(min)  | 3                              |
| UNSPSC  | 31171516                       |
| Weight  | 3,83 Kg                        |
| r min.  | 3 mm                           |
| Da min  | 157 mm                         |
| da max  | 116 mm                         |
| Db min. | 168 mm                         |
| ra max. | 2,5 mm                         |
| r1 min. | 2,5 mm                         |
| r1(min) | 2.5                            |
| r2 min. | 2,5 mm                         |
| da(min) | 114                            |
| da min. | 114 mm                         |
|         |                                |

|                  |                                     |
|------------------|-------------------------------------|
| db(max)          | 116                                 |
| Da(max)          | 168                                 |
| Da(min)          | 157                                 |
| Db(min)          | 168                                 |
| Sa(min)          | 5                                   |
| Sb(min)          | 8                                   |
| rb(max)          | 2                                   |
| Da max.          | 168 mm                              |
| db max.          | 116 mm                              |
| rb max.          | 2 mm                                |
| ra(max)          | 2.5                                 |
| Category         | Tapered Roller Bearings<br>Assembly |
| Oil lub.         | 2800                                |
| Inventory        | 0.0                                 |
| Component        | Assembly                            |
| Size (mm)        | 100x180x37                          |
| Width (mm)       | 37                                  |
| Bearing No.      | 30220JR                             |
| Grease lub.      | 2100                                |
| Weight / LBS     | 8.444                               |
| Basic Number     | 30220                               |
| Inch - Metric    | Metric                              |
| Product Group    | B04334                              |
| Bearing number   | 30220JR                             |
| Assembly Width   | 1.457 Inch   37<br>Millimeter       |
| Keyword String   | Tapered                             |
| Other Features   | High Load Capacity                  |
| Precision Class  | Standard                            |
| (Refer.)Mass(kg) | 3.83                                |
| Outside Diameter | 7.087 Inch   180<br>Millimeter      |
|                  |                                     |

|                               |                                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------|
| Manufacturer URL              | <a href="http://www.koyousa.com">http://www.koyousa.com</a>                                                  |
| Long Description              | Assembly; Standard Precision; 100MM Bore; 180MM Outside Diameter; 37MM Assembly Width; Single Row of Rollers |
| Manufacturer Name             | KOYO                                                                                                         |
| Weight / Kilogram             | 4.136                                                                                                        |
| Bore Diameter (mm)            | 100                                                                                                          |
| Outer Diameter (mm)           | 180                                                                                                          |
| Minimum Buy Quantity          | N/A                                                                                                          |
| Number of Tapered Rows        | Single Row                                                                                                   |
| Harmonized Tariff Code        | 8482.20.00.00                                                                                                |
| Calculation factor (e)        | 0,42                                                                                                         |
| Calculation factor (Y0)       | 0,79                                                                                                         |
| (Oil) Lubrication Speed       | 2800 r/min                                                                                                   |
| Flange Outside Diameter       | 0 Inch   0 Millimeter                                                                                        |
| Manufacturer Item Number      | 30220JR                                                                                                      |
| (Grease) Lubrication Speed    | 2100 r/min                                                                                                   |
| Basic static load rating (C0) | 338 kN                                                                                                       |
| Basic dynamic load rating (C) | 258 kN                                                                                                       |