



Bearing No. 32004JR

|         |                            |
|---------|----------------------------|
| D       | 42 mm                      |
| d       | 20 mm                      |
| T       | 15 mm                      |
| B       | 15 mm                      |
| C       | 12 mm                      |
| a       | 10,5 mm                    |
| e       | 0.37                       |
| Cr      | 34.1                       |
| Cu      | 4.35                       |
| Y0      | 0.88                       |
| Y1      | 1.60                       |
| C0r     | 31.5                       |
| Bore    | 0.787 Inch   20 Millimeter |
| Noun    | Bearing                    |
| a(mm)   | 10.5                       |
| Da min  | 35 mm                      |
| da max  | 25 mm                      |
| Weight  | 0,102 Kg                   |
| r min.  | 0,6 mm                     |
| r(min)  | 0.6                        |
| UNSPSC  | 31171516                   |
| Db(min) | 39                         |
| db(max) | 25                         |
| Da(max) | 37.5                       |
| Da(min) | 35                         |
| r1(min) | 0.6                        |
| Sa(min) | 3                          |
| Sb(min) | 3                          |
| ra(max) | 0.6                        |
|         |                            |

|                  |                                                             |
|------------------|-------------------------------------------------------------|
| rb(max)          | 0.6                                                         |
| da(min)          | 24.5                                                        |
| ra max.          | 0,6 mm                                                      |
| Db min.          | 39 mm                                                       |
| Da max.          | 37,5 mm                                                     |
| da min.          | 24,5 mm                                                     |
| r2 min.          | 0,6 mm                                                      |
| rb max.          | 0,6 mm                                                      |
| Oil lub.         | 13000                                                       |
| Category         | Tapered Roller Bearings Assembly                            |
| Size (mm)        | 20x42x15                                                    |
| Component        | Assembly                                                    |
| Inventory        | 0.0                                                         |
| Width (mm)       | 15                                                          |
| Grease lub.      | 9700                                                        |
| Bearing No.      | 32004JR                                                     |
| Basic Number     | 32004                                                       |
| Weight / LBS     | 0.225                                                       |
| Inch - Metric    | Metric                                                      |
| Product Group    | B04334                                                      |
| Other Features   | High Load Capacity                                          |
| Keyword String   | Tapered                                                     |
| Assembly Width   | 0.591 Inch   15 Millimeter                                  |
| Bearing number   | 32004JR                                                     |
| Precision Class  | Standard                                                    |
| (Refer.)Mass(kg) | 0.102                                                       |
| Outside Diameter | 1.654 Inch   42 Millimeter                                  |
| Manufacturer URL | <a href="http://www.koyousa.com">http://www.koyousa.com</a> |
| Long Description | Assembly; Standard Precision; 20MM Bore; 42MM Outside       |

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
|                                  | Diameter; 15MM<br>Assembly Width; Single<br>Row of Rollers |
| Weight / Kilogram                | 0.1                                                        |
| Manufacturer Name                | KOYO                                                       |
| Bore Diameter (mm)               | 20                                                         |
| Outer Diameter (mm)              | 42                                                         |
| Minimum Buy Quantity             | N/A                                                        |
| Calculation factor (e)           | 0,37                                                       |
| Number of Tapered<br>Rows        | Single Row                                                 |
| Harmonized Tariff Code           | 8482.20.00.00                                              |
| Flange Outside<br>Diameter       | 0 Inch   0 Millimeter                                      |
| (Oil) Lubrication Speed          | 13000 r/min                                                |
| Calculation factor (Y0)          | 0,88                                                       |
| Manufacturer Item<br>Number      | 32004JR                                                    |
| (Grease) Lubrication<br>Speed    | 9700 r/min                                                 |
| Basic static load rating<br>(C0) | 31,5 kN                                                    |
| Basic dynamic load<br>rating (C) | 27,3 kN                                                    |