



# ZKL BEARING INDIA PRIVATE LTD.



6003 Bearing 2D drawings and 3D CAD models

NSK Koyo NTN SKF Deep Groove Ball Bearings 6003 608zz 6203 163110 15329 6004du 6014 6200zz 6201z 6204 6205zz 6314c4 6203

Bearing No. 6003

|                               |                          |
|-------------------------------|--------------------------|
| Size                          | 17x35x10 mm              |
| Bore Diameter                 | 17 mm                    |
| Outer Diameter                | 35 mm                    |
| Width                         | 10 mm                    |
| d                             | 17 mm                    |
| D                             | 35 mm                    |
| B                             | 10 mm                    |
| C                             | 10 mm                    |
| r min.                        | 0,3 mm                   |
| da min.                       | 19 mm                    |
| Da max.                       | 33 mm                    |
| ra max.                       | 0,3 mm                   |
| Weight                        | 0,039 Kg                 |
| Basic dynamic load rating (C) | 6 kN                     |
| Basic static load rating (C0) | 3,25 kN                  |
| (Grease) Lubrication Speed    | 21000 r/min              |
| (Oil) Lubrication Speed       | 25000 r/min              |
| Category                      | Single Row Ball Bearings |
| Inventory                     | 0.0                      |
| Manufacturer Name             | KOYO                     |
| Minimum Buy Quantity          | N/A                      |
| Weight / Kilogram             | 0.042                    |
| EAN                           | 0605790043079            |
| Product Group                 | B00308                   |



## ZKL BEARING INDIA PRIVATE LTD.

|                                 |  |
|---------------------------------|--|
| Enclosure                       | Open   |
| Precision Class                 | ABEC 1   ISO P0  |
| Maximum Capacity / Filling Slot | No   |
| Rolling Element                 | Ball Bearing   |
| Snap Ring                       | No   |
| Internal Special Features       | No   |
| Cage Material                   | Steel  |
| Internal Clearance              | C0-Medium  |
| Inch - Metric                   | Metric   |
| Long Description                | 17MM Bore; 35MM Outside Diameter; 10MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category                        | Single Row Ball Bearing  |
| UNSPSC                          | 31171504   |
| Harmonized Tariff Code          | 8482.10.50.68  |
| Noun                            | Bearing  |
| Keyword String                  | Ball   |
| Manufacturer URL                | <a href="http://www.koyousa.com">http://www.koyousa.com</a>  |
| Manufacturer Item Number        | 6003   |
| Weight / LBS                    | 0.093  |
| Bore                            | 0.669 Inch   17 Millimeter   |
| Outside Diameter                | 1.378 Inch   35 Millimeter   |
| Outer Race Width                | 0.394 Inch   10 Millimeter   |
| Bearing No.                     | 6003   |
| r(min)                          | 0.3  |
| Cr                              | 7.50   |
| C0r                             | 3.25   |
| Cu                              | 0.170  |
| f0                              | 14.4   |
|                                 |  |



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|                  |       |
|------------------|-------|
| Grease lub.      | 21000 |
| Oil lub.         | 25000 |
| da(min)          | 19    |
| Da(max)          | 33    |
| ra(max)          | 0.3   |
| (Refer.)Mass(kg) | 0.039 |