



## JHI Trading Co.,Ltd.



6001 Bearing 2D drawings and 3D CAD models

SKF, NSK, NTN, Koyo NMB Ezo NACHI  
Auto Ball Bearing 6001 6002 6003 6004 6201 6202  
6203 6204 6301 6302 6303 6304 Zz 2RS C3

Bearing No. 6001

|                               |                  |
|-------------------------------|------------------|
| Size                          | 12x28x8 mm       |
| Bore Diameter                 | 12 mm            |
| Outer Diameter                | 28 mm            |
| Width                         | 8 mm             |
| d                             | 12 mm            |
| D                             | 28 mm            |
| B                             | 8 mm             |
| C                             | 8 mm             |
| r min.                        | 0.3 mm           |
| da min.                       | 14 mm            |
| Da max.                       | 26 mm            |
| ra max.                       | 0.3 mm           |
| Weight                        | 0.023 Kg         |
| Basic dynamic load rating (C) | 5,1 kN           |
| Basic static load rating (C0) | 2,39 kN          |
| (Grease) Lubrication Speed    | 27000 r/min      |
| Enclosure                     | Open             |
| Bore Type                     | Cylindrical Bore |
| Configuration                 | Single Row       |
| Bore Size                     | 12 mm            |
| Outside Diameter              | 28 mm            |
| Width                         | 8 mm             |
| Fillet Radius/Chamfer         | 0.3 mm           |
| Dynamic Load Rating           | 5,100 N          |



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|                         |                   |
|-------------------------|-------------------|
| Static Load Rating      | 2,390 N           |
| Limiting Speed - Grease | 28,000 rpm        |
| Limiting Speed - Oil    | 32,000 rpm        |
| Factor $f_0$            | 13.2              |
| Radial Clearance        | 0.003 to 0.018 mm |
| da (min)                | 14 mm             |
| Da (max)                | 26 mm             |
| ra (max)                | 0.3 mm            |