



# NACHI BEARINGS TRAINING INDUSTRY



Timken, SKF Bearing, NSK, NTN, Koyo Bearing, Kbc NACHI Bearing, Auto / Agricultural Machinery Ball Bearing 6001 6002 6003 6004 6201 6202 6203 6204 Zz 2RS C3

Bearing No. 6001

6001 Bearing 2D drawings and 3D CAD models

|                               |                  |
|-------------------------------|------------------|
| 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           |
|                               |                  |



## NACHI BEARINGS TRAINING INDUSTRY

|                         |                   |
|-------------------------|-------------------|
| Dynamic Load Rating     | 5,100 N           |
| 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 |
| $d_a$ (min)             | 14 mm             |
| $D_a$ (max)             | 26 mm             |
| $r_a$ (max)             | 0.3 mm            |