



# FN Bearing Machinery Equipment Co.,Ltd



45 mm x 85 mm x 19 mm 45 mm x 85 mm x 19 mm  
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Bearing No. E2.6209-2Z

E2.6209-2Z Bearing 2D drawings and 3D CAD models

|   |             |
|---|-------------|
| Size                                      | 85x45x19 mm |
| Bore Diameter                             | 85 mm       |
| Outer Diameter                            | 45 mm       |
| Width                                     | 19 mm       |
| d   | 45 mm       |
| D   | 85 mm       |
| B   | 19 mm       |
| d <sub>1</sub>                            | 57.6 mm     |
| D <sub>2</sub>                            | 75.19 mm    |
| r <sub>1,2</sub> - min.                   | 1.1 mm      |
| d <sub>a</sub> - min.                     | 52 mm       |
| d <sub>a</sub> - max.                     | 57.5 mm     |
| D <sub>a</sub> - max.                     | 78 mm       |
| r <sub>a</sub> - max.                     | 1 mm        |
| Basic dynamic load rating - C             | 32.5 kN     |
| Basic static load rating - C <sub>0</sub> | 20.4 kN     |
| Fatigue load limit - P <sub>u</sub>       | 0.865 kN    |
| Reference speed                           | 18000 r/min |
| Limiting speed                            | 10000 r/min |
| Calculation factor - k <sub>r</sub>       | 0.025       |
| Calculation factor - f <sub>0</sub>       | 14          |



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