



# WUXI IKC MACHINERY BEARING CO., LTD.



180 mm x 320 mm x 52 mm SKF 6236 deep groove ball bearings

Bearing No. 6236

6236 Bearing 2D drawings and 3D CAD models

|   |               |
|---|---------------|
| Size                                      | 320x180x52 mm |
| Bore Diameter                             | 320 mm        |
| Outer Diameter                            | 180 mm        |
| Width                                     | 52 mm         |
| d   | 180 mm        |
| D   | 320 mm        |
| B   | 52 mm         |
| d <sub>1</sub>                            | 226.6 mm      |
| D <sub>1</sub>                            | 273.3 mm      |
| r <sub>1,2</sub> - min.                   | 4 mm          |
| d <sub>a</sub> - min.                     | 197 mm        |
| D <sub>a</sub> - max.                     | 303 mm        |
| r <sub>a</sub> - max.                     | 3 mm          |
| Basic dynamic load rating - C             | 229 kN        |
| Basic static load rating - C <sub>0</sub> | 240 kN        |
| Fatigue load limit - P <sub>u</sub>       | 6.4 kN        |
| Reference speed                           | 4000 r/min    |
| Limiting speed                            | 2600 r/min    |
| Calculation factor - k <sub>r</sub>       | 0.025         |
| Calculation factor - f <sub>0</sub>       | 15.1          |
| d <sub>1</sub>                            | 226.6 mm      |
| D <sub>1</sub>                            | 273.3 mm      |
| r <sub>1,2</sub> min.                     | 4 mm          |
| d <sub>a</sub> min.                       | 197 mm        |



## WUXI IKC MACHINERY BEARING CO., LTD.

|                                |         |
|--------------------------------|---------|
| $D_a$ max.                     | 303 mm  |
| $r_a$ max.                     | 3 mm    |
| Basic dynamic load rating C    | 229 kN  |
| Basic static load rating $C_0$ | 240 kN  |
| Fatigue load limit $P_u$       | 6.4 kN  |
| Calculation factor $k_r$       | 0.025   |
| Calculation factor $f_0$       | 15.1    |
| Mass bearing                   | 15.9 kg |