



# PCIF BEARING LIMITED



200 mm x 310 mm x 51 mm skf 6040 bearing

Bearing No. 6040

6040 Bearing 2D drawings and 3D CAD models

|   |               |
|---|---------------|
| Size                                      | 310x200x51 mm |
| Bore Diameter                             | 310 mm        |
| Outer Diameter                            | 200 mm        |
| Width                                     | 51 mm         |
| d   | 200 mm        |
| D   | 310 mm        |
| B   | 51 mm         |
| d <sub>1</sub>                            | 235.1 mm      |
| D <sub>1</sub>                            | 274.95 mm     |
| d <sub>a</sub> - min.                     | 210 mm        |
| D <sub>a</sub> - max.                     | 300 mm        |
| r <sub>a</sub> - max.                     | 2 mm          |
| Basic dynamic load rating - C             | 216 kN        |
| Basic static load rating - C <sub>0</sub> | 245 kN        |
| Fatigue load limit - P <sub>u</sub>       | 6.4 kN        |
| Reference speed                           | 4300 r/min    |
| Limiting speed                            | 2800 r/min    |
| Calculation factor - k <sub>r</sub>       | 0.025         |
| Calculation factor - f <sub>0</sub>       | 15.6          |
| d <sub>1</sub>                            | 235.1 mm      |
| D <sub>1</sub>                            | 274.95 mm     |
| r <sub>1,2</sub> min.                     | 2.1 mm        |
| d <sub>a</sub> min.                       | 210 mm        |
| D <sub>a</sub> max.                       | 300 mm        |
| r <sub>a</sub> max.                       | 2 mm          |



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|                                |         |
|--------------------------------|---------|
| Basic dynamic load rating C    | 216 kN  |
| Basic static load rating $C_0$ | 245 kN  |
| Fatigue load limit $P_u$       | 6.4 kN  |
| Calculation factor $k_r$       | 0.025   |
| Calculation factor $f_0$       | 15.6    |
| Mass bearing                   | 12.3 kg |