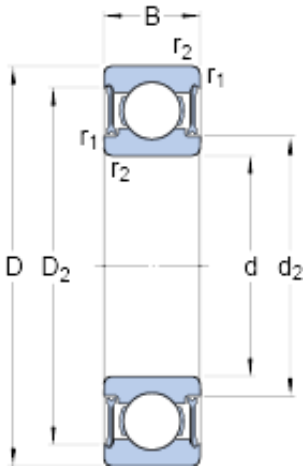




# BEARING CORP.OF AMERICA



20 mm x 32 mm x 10 mm skf W 63804-2RZ  
Deep groove ball bearings

Bearing No. W 63804-2RZ

W 63804-2RZ Bearing 2D drawings and 3D CAD models

|                                           |             |
|-------------------------------------------|-------------|
| Size                                      | 32x20x10 mm |
| Bore Diameter                             | 32 mm       |
| Outer Diameter                            | 20 mm       |
| Width                                     | 10 mm       |
| d                                         | 20 mm       |
| D                                         | 32 mm       |
| B                                         | 10 mm       |
| d <sub>2</sub>                            | 22.6 mm     |
| D <sub>2</sub>                            | 29.52 mm    |
| r <sub>1,2</sub> - min.                   | 0.3 mm      |
| D <sub>a</sub> - max.                     | mm          |
| r <sub>a</sub> - max.                     | 0.3 mm      |
| Basic dynamic load rating - C             | 3.1 kN      |
| Basic static load rating - C <sub>0</sub> | 2.1 kN      |
| Fatigue load limit - P <sub>u</sub>       | 0.09 kN     |
| Reference speed                           | 48000 r/min |
| Limiting speed                            | 24000 r/min |
| Calculation factor - k <sub>r</sub>       | 0.02        |
| Calculation factor - f <sub>0</sub>       | 13.3        |
| d <sub>2</sub>                            | 22.6 mm     |
| D <sub>2</sub>                            | 29.52 mm    |
| r <sub>1,2</sub> min.                     | 0.3 mm      |
| D <sub>a</sub> max.                       | 0 mm        |
| r <sub>a</sub> max.                       | 0.3 mm      |



## BEARING CORP.OF AMERICA

|                                |          |
|--------------------------------|----------|
| Basic dynamic load rating C    | 3.12 kN  |
| Basic static load rating $C_0$ | 2.08 kN  |
| Fatigue load limit $P_u$       | 0.09 kN  |
| Calculation factor $k_r$       | 0.02     |
| Calculation factor $f_0$       | 13.3     |
| Mass bearing                   | 0.025 kg |