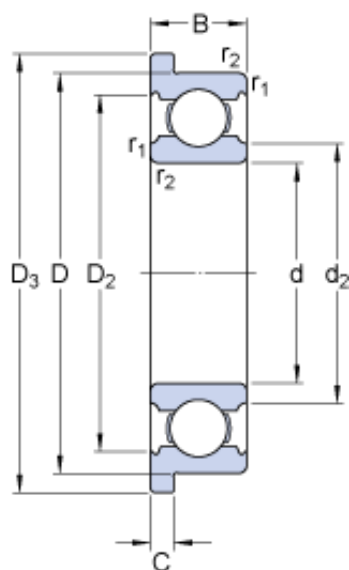




Bearing No. W 63806 R

|                                   |             |
|-----------------------------------|-------------|
| D                                 | 42 mm       |
| d                                 | 30 mm       |
| B                                 | 10 mm       |
| C                                 | 2 mm        |
| Size (mm)                         | 42x30x10    |
| Width (mm)                        | 10          |
| D <sub>3</sub>                    | 45 mm       |
| d <sub>2</sub>                    | 33.11 mm    |
| D <sub>2</sub>                    | 39.2 mm     |
| D <sub>3</sub>                    | 45 mm       |
| Bearing number                    | W 63806 R   |
| Limiting speed                    | 20000 r/min |
| Reference speed                   | 34000 r/min |
| d <sub>a</sub> min.               | 32 mm       |
| r <sub>a</sub> max.               | 0.3 mm      |
| Bore Diameter (mm)                | 42          |
| Outer Diameter (mm)               | 30          |
| r <sub>a</sub> - max.             | 0.3 mm      |
| r <sub>1,2</sub> min.             | 0.3 mm      |
| d <sub>a</sub> - min.             | 32 mm       |
| d <sub>2</sub> ?                  | 33.11 mm    |
| D <sub>2</sub> ?                  | 39.2 mm     |
| r <sub>1,2</sub> - min.           | 0.3 mm      |
| Basic dynamic load rating C       | 3.58 kN     |
| Basic dynamic load rating - C     | 3.6 kN      |
| Calculation factor k <sub>r</sub> | 0.02        |
| Fatigue load limit P <sub>u</sub> | 0.125 kN    |
| Calculation factor f <sub>0</sub> | 14.1        |
|                                   |             |

|                                     |          |
|-------------------------------------|----------|
| Fatigue load limit - $P_u$          | 0.125 kN |
| Calculation factor - $k_r$          | 0.02     |
| Basic static load rating<br>$C_0$   | 2.9 kN   |
| Basic static load rating -<br>$C_0$ | 2.9 kN   |