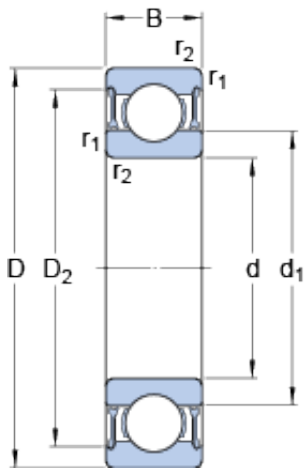




Bearing No. W 6005-2RZ

|                                   |             |
|-----------------------------------|-------------|
| D                                 | 47 mm       |
| d                                 | 25 mm       |
| B                                 | 12 mm       |
| Size (mm)                         | 47x25x12    |
| Width (mm)                        | 12          |
| Mass bearing                      | 0.12 kg     |
| D <sub>2</sub>                    | 42.7 mm     |
| d <sub>1</sub>                    | 31.7 mm     |
| Limiting speed                    | 16000 r/min |
| Bearing number                    | W 6005-2RZ  |
| Reference speed                   | 32000 r/min |
| r <sub>a</sub> max.               | 0.6 mm      |
| D <sub>a</sub> max.               | 43 mm       |
| d <sub>a</sub> max.               | 31.5 mm     |
| Bore Diameter (mm)                | 47          |
| d <sub>a</sub> min.               | 29 mm       |
| Outer Diameter (mm)               | 25          |
| D <sub>a</sub> - max.             | 43 mm       |
| r <sub>a</sub> - max.             | 0.6 mm      |
| r <sub>1,2</sub> min.             | 0.6 mm      |
| D <sub>2</sub> ?                  | 42.73 mm    |
| d <sub>1</sub> ?                  | 31.7 mm     |
| r <sub>1,2</sub> - min.           | 0.6 mm      |
| Basic dynamic load rating C       | 8.71 kN     |
| Basic dynamic load rating - C     | 8.7 kN      |
| Fatigue load limit P <sub>u</sub> | 0.25 kN     |
| Calculation factor k <sub>r</sub> | 0.03        |
| Calculation factor f <sub>0</sub> | 14.5        |
|                                   |             |

|                                     |         |
|-------------------------------------|---------|
| Calculation factor - $f_0$          | 14.5    |
| Calculation factor - $k_r$          | 0.03    |
| Fatigue load limit - $P_u$          | 0.25 kN |
| Basic static load rating<br>$C_0$   | 5.85 kN |
| Basic static load rating -<br>$C_0$ | 5.8 kN  |