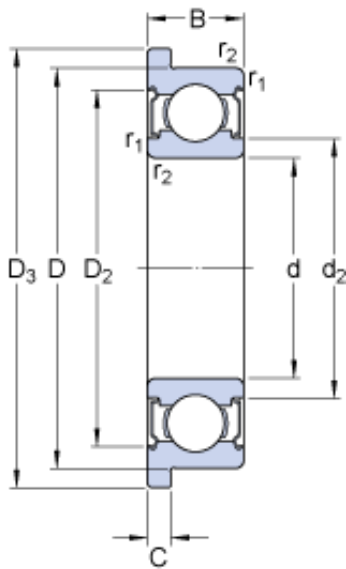




Bearing No. W 627 R-2Z

|                                   |             |
|-----------------------------------|-------------|
| D                                 | 22 mm       |
| d                                 | 7 mm        |
| B                                 | 7 mm        |
| C                                 | 1.5 mm      |
| Size (mm)                         | 22x7x7      |
| Width (mm)                        | 7           |
| Mass bearing                      | 0.014 kg    |
| D <sub>3</sub>                    | 25 mm       |
| d <sub>2</sub>                    | 10.5 mm     |
| D <sub>2</sub>                    | 19.03 mm    |
| D <sub>3</sub>                    | 25 mm       |
| Limiting speed                    | 38000 r/min |
| Bearing number                    | W 627 R-2Z  |
| Reference speed                   | 75000 r/min |
| Bore Diameter (mm)                | 22          |
| r <sub>a</sub> max.               | 0.3 mm      |
| d <sub>a</sub> max.               | 10.4 mm     |
| d <sub>a</sub> min.               | 9 mm        |
| Outer Diameter (mm)               | 7           |
| r <sub>a</sub> - max.             | 0.3 mm      |
| r <sub>1,2</sub> min.             | 0.3 mm      |
| d <sub>a</sub> - min.             | 9.4 mm      |
| d <sub>2</sub> ?                  | 10.5 mm     |
| D <sub>2</sub> ?                  | 19.03 mm    |
| r <sub>1,2</sub> - min.           | 0.3 mm      |
| Basic dynamic load rating C       | 1.99 kN     |
| Basic dynamic load rating - C     | 2 kN        |
| Fatigue load limit P <sub>u</sub> | 0.034 kN    |
|                                   |             |

|                                     |          |
|-------------------------------------|----------|
| Calculation factor $k_r$            | 0.03     |
| Calculation factor $f_0$            | 7.2      |
| Calculation factor - $f_0$          | 7.2      |
| Calculation factor - $k_r$          | 0.03     |
| Fatigue load limit - $P_u$          | 0.034 kN |
| Basic static load rating<br>$C_0$   | 0.78 kN  |
| Basic static load rating -<br>$C_0$ | 0.78 kN  |