

**Bearing No. W 61904 R**

|                                   |              |
|-----------------------------------|--------------|
| D                                 | 37 mm        |
| d                                 | 20 mm        |
| B                                 | 9 mm         |
| C                                 | 2 mm         |
| D3                                | 40 mm        |
| Weight                            | 0,0366 Kg    |
| Size (mm)                         | 20x37x9      |
| Width (mm)                        | 9            |
| Mass bearing                      | 0.037 kg     |
| D <sub>3</sub>                    | 40 mm        |
| Limiting speed                    | 26000 r/min  |
| Bearing number                    | W 61904 R    |
| Reference speed                   | 43 000 r/min |
| r <sub>a</sub> max.               | 0.3 mm       |
| d <sub>a</sub> min.               | 22 mm        |
| Bore Diameter (mm)                | 20           |
| Outer Diameter (mm)               | 37           |
| r <sub>1,2</sub> min.             | 0.3 mm       |
| d <sub>2</sub> ?                  | 23.65 mm     |
| D <sub>2</sub> ?                  | 33.5 mm      |
| Fatigue load limit (Pu)           | 0,156        |
| Basic dynamic load rating C       | 5.53 kN      |
| Basic static load rating (C0)     | 3,65 kN      |
| Basic dynamic load rating (C)     | 5,53 kN      |
| Fatigue load limit P <sub>u</sub> | 0.156 kN     |
| Calculation factor k <sub>r</sub> | 0.025        |
| Calculation factor f <sub>0</sub> | 14.7         |
| Basic static load rating          | 3.65 kN      |

|                |  |
|----------------|--|
| C <sub>0</sub> |  |
|----------------|--|