



## Stud type track rollers PWKR90-2RS-XL (Series PWKR..-2RS)

with axial guidance, full complement cylindrical roller set, lip seals on both sides

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system ([https://www.schaeffler.de/content.schaeffler.de/en/news\\_media/index.jsp](https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp)) or by telephone on +49 (91 32) 82 - 28 97.

|        |                     |
|--------|---------------------|
| D      | 90 mm               |
| d1     | 30 mm Tolerance: h7 |
| B      | 100 mm              |
|        |                     |
| B1 max | 37 mm               |
| B2     | 63 mm               |
| B3     | 15 mm               |
| C      | 35 mm               |
| C1     | 1 mm                |
| d2     | 47 mm               |
| d3     | 4 mm                |
| G      | M30x1,5             |

|                     |            |                                                                                                                                     |
|---------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------|
| I <sub>G</sub>      | 32 mm      |                                                                                                                                     |
| r <sub>min</sub>    | 1,1 mm     |                                                                                                                                     |
| W                   | 14 mm      | Nominal dimension for hexagonal socket                                                                                              |
|                     |            |                                                                                                                                     |
| m                   | 1960 g     | Mass                                                                                                                                |
| M <sub>A</sub>      | 450 Nm     | Nut tightening torque                                                                                                               |
| C <sub>r w</sub>    | 62000 N    | Effective dynamic load rating as track roller (radial)                                                                              |
| C <sub>0r w</sub>   | 92000 N    | Effective static load rating as track roller (radial)                                                                               |
| F <sub>r per</sub>  | 92000 N    | Permissible dynamic radial load                                                                                                     |
| F <sub>0r per</sub> | 92000 N    | Permissible static radial load                                                                                                      |
| C <sub>ur w</sub>   | 12500 N    | Fatigue limit load                                                                                                                  |
| n <sub>D G</sub>    | 1800 1/min | Speed (with continuous operation and grease lubrication)                                                                            |
|                     | NIPA3X9,5  | Drive fit lubrication nipple<br>Drive fit lubrication nipples are supplied loose.<br>Only these lubrication nipples should be used. |
| A <sub>P</sub>      | AP14       | Suitable central lubrication adapter for connection to a central lubrication system                                                 |

