

**PWTR45-2RS-XL**

## Yoke type track roller

Yoke type track rollers PWTR..-2RS-XL, double row cylindrical roller bearings with particularly thick-walled outer ring, with a central rib, full complement cylindrical roller set and an inner ring, the outer ring is guided axially by the central rib and rolling elements, protected lip seal on both sides, X-life design

X-life

## Technical information



## Your current product variant

|                    |     |                                  |
|--------------------|-----|----------------------------------|
| Type of Sealing    | 2RS | Protected lip seal on both sides |
| Outer ring profile | IOP | Optimized INA-profile            |
| Relubrication      | IR  | Via inner ring                   |

## Main Dimensions &amp; Performance Data

|             |             |   |
|-------------|-------------|---|
| d           | 45 mm       | Bore diameter                               |
| D           | 85 mm       | Outside diameter                            |
| B           | 32 mm       | Width of the bearing                        |
| $C_{rw}$    | 46.000 N    | Basic dynamic load rating, radial           |
| $C_{0rw}$   | 62.000 N    | Basic static load rating, radial            |
| $C_{urw}$   | 8.400 N     | Fatigue load limit, radial                  |
| $n_{DG}$    | 1.300 1/min | Speed on permanent grease lubrication       |
| $F_{0rper}$ | 62.000 N    | Permissible static load, radial             |
| $F_{rper}$  | 40.500 N    | Permissible dynamic load outer ring, radial |
| $\approx m$ | 0,851 kg    | Weight                                      |



### Dimensions

|                    |         |                                |
|--------------------|---------|--------------------------------|
| C                  | 30 mm   | Width, outer ring              |
| d <sub>2</sub>     | 55,2 mm | Stop diameter of thrust washer |
| r <sub>min</sub>   | 1,1 mm  | Minimum chamfer dimension      |
| r <sub>1 min</sub> | 0,6 mm  | Minimum chamfer dimension      |

### Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides