

**PWTR2052-2RS-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

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

Main Dimensions & Performance Data

| | | |
|-------------|-------------|---|
| d | 20 mm | Bore diameter |
| D | 52 mm | Outside diameter |
| B | 25 mm | Width of the bearing |
| C_{rw} | 27.000 N | Basic dynamic load rating, radial |
| C_{0rw} | 35.500 N | Basic static load rating, radial |
| C_{urw} | 4.350 N | Fatigue load limit, radial |
| n_{DG} | 3.800 1/min | Speed on permanent grease lubrication |
| F_{0rper} | 35.500 N | Permissible static load, radial |
| F_{rper} | 31.000 N | Permissible dynamic load outer ring, radial |
| $\approx m$ | 0,311 kg | Weight |



Dimensions

| | | |
|--------------------|--------|--------------------------------|
| C | 24 mm | Width, outer ring |
| d ₂ | 27 mm | Stop diameter of thrust washer |
| r _{min} | 1 mm | Minimum chamfer dimension |
| r _{1 min} | 0,5 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