

**LR5000-2RS**

## Yoke type track roller

Yoke type track rollers LR50..-2RS/2RSR, double row self-retaining angular contact ball bearings with particularly thick-walled outer ring, ball and cage assembly and an inner ring, axial guidance of outer ring is provided by the balls, lip seal on both sides, with axial sealing action/with radial sealing action

## Technical information



## Your current product variant

|                        |      |   |
|------------------------|------|---|
| Sealing                | 2RS  | Lip seal on both sides, with axial sealing action |
| Outer ring profile     | R500 | R500  |
| Relubrication facility | IR   | Via inner ring lubrication hole                   |

## Main Dimensions &amp; Performance Data

|            |             |                                       |
|------------|-------------|---------------------------------------|
| D          | 28 mm       | Outside diameter                      |
| d          | 10 mm       | Bore diameter                         |
| C          | 12 mm       | Height                                |
| $C_{rw}$   | 4.800 N     | Effective dynamic load rating, radial |
| $C_{0rw}$  | 2.950 N     | Effective static load rating, radial  |
| $C_{urw}$  | 149 N       | Effective fatigue limit load, radial  |
| $n_{DG}$   | 9.000 1/min | Speed on permanent grease lubrication |
| $F_{rper}$ | 2.950 N     | Permissible dynamic load, radial      |
| $m$        | 0,03 kg     | Weight                                |

## Dimensions

|           |         |                                      |
|-----------|---------|--------------------------------------|
| $d_2$     | 13,5 mm | Diameter of thrust washer            |
| $r_{min}$ | 0,3 mm  | Minimum chamfer dimension            |
| R         | 500 mm  | Radius of outer ring outside profile |



### Characteristics

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Radial load



Axial load in one direction



Axial load in two directions



Lifetime lubrication, freedom from maintenance



Grease Lubrication



Sealed on both sides