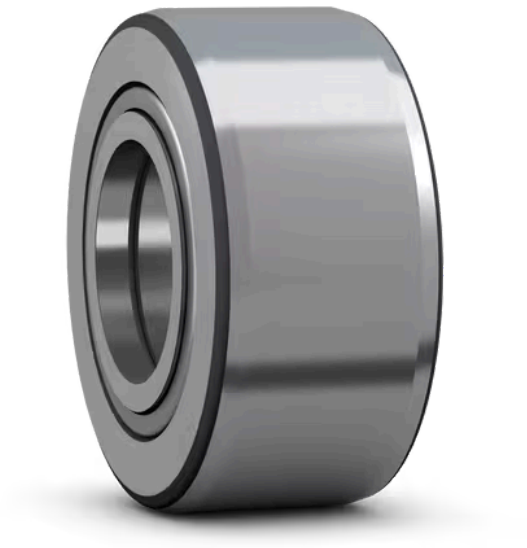


Image may differ from product. See technical specification for details.

# PWTR 2562.2RS

## Support roller (yoke-type track roller) with flange rings, integral sealing and relubrication feature

Support rollers (yoke-type track rollers) are designed to run on all types of tracks and to be used in cam drives, conveyor systems, etc. They are based on a double row full complement cylindrical roller bearing with an inner ring and have a thick-walled outer ring with a crowned running surface. They are supplied sealed and ready-to-mount. The inner ring contains a lubrication hole to facilitate relubrication.

- High radial load carrying capacity
- Accommodate relatively heavy axial loads due to skew or tilting
- Long service life
- Easy to mount
- Sealed for increased reliability, with relubrication feature

# Overview

## Dimensions

| | |
|---|---|
| Functional outside diameter | 62 mm |
| Bore diameter | 25 mm |
| Width, total | 25 mm |
| Width, outer ring | 24 mm |

## Performance

| | |
|---|---|
| Basic dynamic load rating | 29.2 kN |
| Basic static load rating | 36 kN |
| Limiting speed | 3 200 r/min |

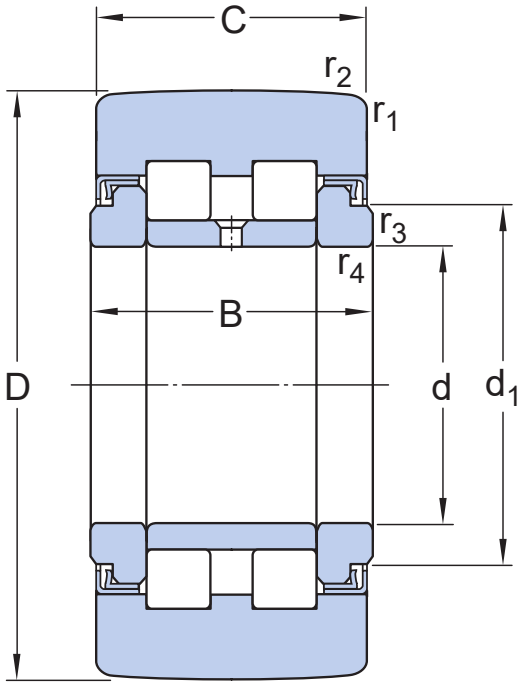
## Properties

| | |
|---|---|
| Bearing part | Complete track roller |
| Rolling elements | Cylindrical rollers |
| Number of rows | 2 |
| Outer ring profile | Crowned |
| Axial guidance of outer ring | Yes |
| Number of flanges, outer ring | 3 |
| Cage | Without |
| Radial internal clearance | Between C2 and CN |
| Tolerance class | Other |
| Material, bearing | Bearing steel |
| Coating | Without |
| Sealing | Seal on both sides |
| Sealing type | Contact |
| Lubricant | Grease |
| Relubrication feature | With |

## Logistics

| | |
|---|---|
| Product net weight | 0.442 kg |
| eClass code | 23-05-09-03 |
| UNSPSC code | 31171512 |

# Technical specification




## Dimensions

| | | |
|---|---|---|
| D | 62 mm | Outside diameter |
| d | 25 mm | Bore diameter |
| C | 24 mm | Width outer ring |
| B | 25 mm | Width inner ring |
| $d_1$ | 31 mm | Outside diameter flange ring |
| $r_{1,2}$ | min. 1 mm | Chamfer dimension outer ring |
| $r_{3,4}$ | min. 0.5 mm | Chamfer dimension flange ring bore |

## Calculation data

| | | |
|---|---|---|
| Basic dynamic load rating | C | 29.2 kN |
| Basic static load rating | $C_0$ | 36 kN |
| Fatigue load limit | $P_u$ | 4.05 kN |
| Maximum dynamic radial loads | $F_r$ | max. 45 kN |
| Maximum static radial loads | $F_{0r}$ | max. 64 kN |
| Limiting speed | | 3 200 r/min |

## Tolerances and clearances

GENERAL SUPPORT ROLLER SPECIFICATIONS

- Tolerances: Normal, Other
- Radial internal clearance: table

## BEARING INTERFACES

- Seat tolerances for standard conditions
- Tolerances and resultant fit

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