

**NA49/28-XL**

Radial roller bearing

Radial roller bearing NA..-XL

X-life

Technical information



Your current product variant

| | | |
|---------------------------|--------------|---------------------------|
| Cage | Standard | |
| Radial internal clearance | CN (Group N) | Normal internal clearance |
| Lubrication hole | With | With |
| Coating | Without | |
| Sealing | Without | |
| Special features | Without | |
| Number of rows | 1 | Single-row design |

Main Dimensions & Performance Data

| | | |
|-------------------|--------------|---------------------------------------|
| d | 28 mm | Bore diameter |
| D | 45 mm | Outside diameter |
| B | 17 mm | Width |
| C_r | 27.500 N | Basic dynamic load rating, radial |
| C_{0r} | 33.500 N | Basic static load rating, radial |
| C_{ur} | 6.200 N | Fatigue load limit, radial |
| n_G | 13.600 1/min | Limiting speed |
| $n_{G, Grease}$ | 8.200 1/min | Limiting speed for grease lubrication |
| $n_{\vartheta r}$ | 7.400 1/min | Reference speed |
| $\approx m$ | 99,2 g | Weight |



Dimensions

| | | |
|------------|--------|-----------------------------|
| r_{\min} | 0,3 mm | Minimum chamfer dimension |
| F | 32 mm | Raceway diameter inner ring |
| s | 0,8 mm | Axial displacement |

Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |

Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope