

**NATV50-PP**

Yoke type track roller

Yoke type track rollers NATV..-PP-A, single row needle roller bearings with particularly thick-walled outer ring, full complement needle roller set and an inner ring, axial guidance of outer ring is provided by the plastic axial plain washers and contact washers, three-stage sealing by plastic axial plain washer on both sides

Technical information



Your current product variant

| | | |
|------------------------|-----|---|
| Sealing | PP | Three-stage sealing by plastic axial plain washer on both sides |
| Outer ring profile | IOP | Optimized INA-profile |
| Relubrication facility | IR | Via inner ring |

Main Dimensions & Performance Data

| | | |
|---------------|-----------|---|
| d | 50 mm | Bore diameter |
| D | 90 mm | Outside diameter |
| B | 32 mm | Width of the bearing |
| $C_{r w}$ | 39.500 N | Basic dynamic load rating, radial |
| $C_{0 r w}$ | 93.000 N | Basic static load rating, radial |
| $C_{u r w}$ | 13.800 N | Fatigue load limit, radial |
| $n_{D G}$ | 550 1/min | Speed on permanent grease lubrication |
| $F_{0 r per}$ | 93.000 N | Permissible static load, radial |
| $F_{r per}$ | 78.000 N | Permissible dynamic load outer ring, radial |
| $\approx m$ | 0,951 kg | Weight |

Dimensions

| | | |
|-----------|--------|-----------------------------------|
| C | 30 mm | Width, outer ring |
| d_2 | 76 mm | Outside diameter of thrust washer |
| r_{min} | 1,1 mm | Minimum chamfer dimension |



Characteristics



Radial load



Lifetime lubrication, freedom from maintenance



Grease Lubrication



Sealed on both sides