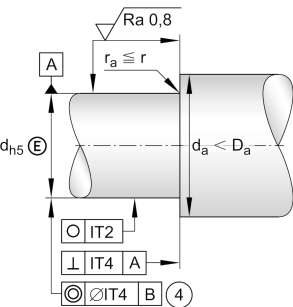
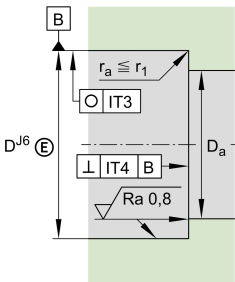
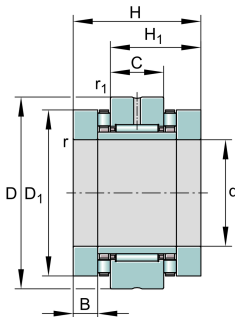


ZARN3062-TV

Needle roller/axial cylindrical roller bearing

Needle roller/axial cylindrical roller bearings  
ZARN, double direction

Informacje techniczne



Twoja aktualna wersja produktu

|      |    |                             |
|------|----|-----------------------------|
| Cage | TV | Plastic Cage made from PA66 |
|------|----|-----------------------------|

Main Dimensions & Performance Data

|                       |             |                                       |
|-----------------------|-------------|---------------------------------------|
| d                     | 30 mm       | Bore diameter                         |
| D                     | 62 mm       | Outside diameter                      |
| H                     | 50 mm       | Hight                                 |
| C <sub>a</sub>        | 39.000 N    | Basic dynamic load rating, axial      |
| C <sub>0a</sub>       | 101.000 N   | Basic static load rating, axial       |
| C <sub>r</sub>        | 24.300 N    | Basic dynamic load rating, radial     |
| C <sub>0r</sub>       | 41.500 N    | Basic static load rating, radial      |
| C <sub>ua</sub>       | 8.500 N     | Fatigue load limit, axial             |
| C <sub>ur</sub>       | 6.000 N     | Fatigue load limit, radial            |
| n <sub>G Oil</sub>    | 5.500 1/min | Limiting speed for oil lubrication    |
| n <sub>G Grease</sub> | 1.800 1/min | Limiting speed for grease lubrication |
| M <sub>RL</sub>       | 0,65 Nm     | Bearing friction torque               |
| ≈m                    | 0,601 kg    | Masa                                  |

Mounting dimensions

|                    |       |                                      |
|--------------------|-------|--------------------------------------|
| D <sub>a max</sub> | 53 mm | Maximum diameter of housing shoulder |
| d <sub>a min</sub> | 44 mm | Minimum diameter shaft shoulder      |



Dimensions

|                    |        |                                    |
|--------------------|--------|------------------------------------|
| H <sub>1</sub>     | 35 mm  | Height outer ring over wave washer |
| C                  | 20 mm  | Width, outer ring                  |
| D <sub>1</sub>     | 52 mm  | Rip diameter shaft washer          |
| B                  | 10 mm  | Width, inner ring                  |
| r <sub>min</sub>   | 0,3 mm | Minimum chamfer dimension          |
| r <sub>1 min</sub> | 0,6 mm | Minimum chamfer dimension          |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 120 °C | Operating temperature max. |

Additional information

|                 |             |                                                                     |
|-----------------|-------------|---------------------------------------------------------------------|
| c <sub>aL</sub> | 2.200 N/μm  | Rigidity axial                                                      |
| c <sub>kL</sub> | 520 Nm/mrad | Tilting stiffness                                                   |
| M <sub>m</sub>  | 1,46 kg*cm2 | Mass moment of inertia                                              |
|                 | 1 μm        | Axial runout                                                        |
| radial          | ZMA30/52    | Recommended INA precision locknut for radial locking (not included) |
| axial           | AM30        | Recommended INA precision locknut for axial locking (not included)  |
| M <sub>A</sub>  | 32 Nm       | Tightening torque nut                                               |
|                 | 10.662 N    | Preload force axial                                                 |



### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia