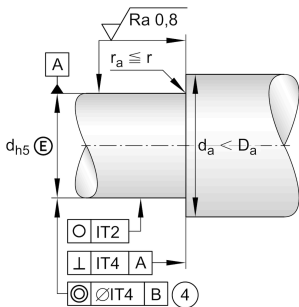
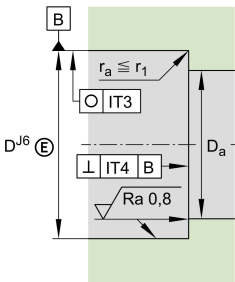
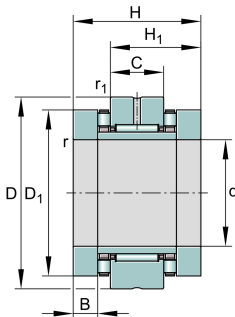


ZARN4075-TV

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                     | 40 mm       | Bore diameter                         |
| D                     | 75 mm       | Outside diameter                      |
| H                     | 54 mm       | Height                                |
| C <sub>a</sub>        | 59.000 N    | Basic dynamic load rating, axial      |
| C <sub>0a</sub>       | 163.000 N   | Basic static load rating, axial       |
| C <sub>r</sub>        | 27.500 N    | Basic dynamic load rating, radial     |
| C <sub>0r</sub>       | 53.000 N    | Basic static load rating, radial      |
| C <sub>ua</sub>       | 14.200 N    | Fatigue load limit, axial             |
| C <sub>ur</sub>       | 7.600 N     | Fatigue load limit, radial            |
| n <sub>G Oil</sub>    | 4.400 1/min | Limiting speed for oil lubrication    |
| n <sub>G Grease</sub> | 1.600 1/min | Limiting speed for grease lubrication |
| M <sub>RL</sub>       | 1 Nm        | Bearing friction torque               |
| ≈m                    | 0,898 kg    | Masa                                  |

Mounting dimensions

|                    |       |                                      |
|--------------------|-------|--------------------------------------|
| D <sub>a max</sub> | 66 mm | Maximum diameter of housing shoulder |
| d <sub>a min</sub> | 55 mm | Minimum diameter shaft shoulder      |



Dimensions

|                    |        |                                    |
|--------------------|--------|------------------------------------|
| H <sub>1</sub>     | 37 mm  | Height outer ring over wave washer |
| C                  | 20 mm  | Width, outer ring                  |
| D <sub>1</sub>     | 65 mm  | Rip diameter shaft washer          |
| B                  | 11 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> | 2.800 N/μm    | Rigidity axial                                                      |
| c <sub>kL</sub> | 1.030 Nm/mrad | Tilting stiffness                                                   |
| M <sub>m</sub>  | 3,78 kg*cm2   | Mass moment of inertia                                              |
|                 | 1 μm          | Axial runout                                                        |
| radial          | ZMA40/62      | Recommended INA precision locknut for radial locking (not included) |
| axial           | AM40          | Recommended INA precision locknut for axial locking (not included)  |
| M <sub>A</sub>  | 55 Nm         | Tightening torque nut                                               |
|                 | 14.240 N      | Preload force axial                                                 |



### Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia