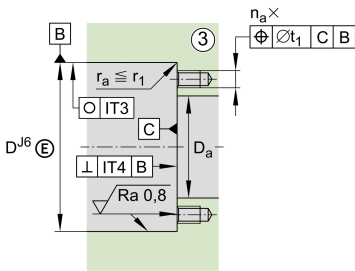
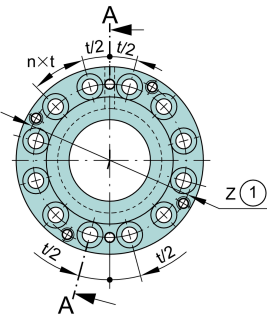
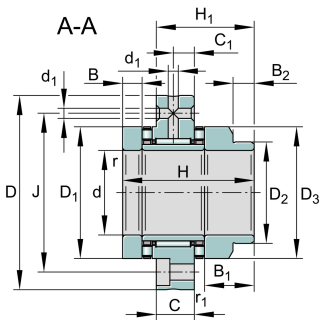


ZARF45130-L-TV

Needle roller/axial cylindrical roller bearing

Needle roller/axial cylindrical roller bearings  
ZARF..-L, double direction, for screw  
mounting, long shaft locating washer

Informacje techniczne

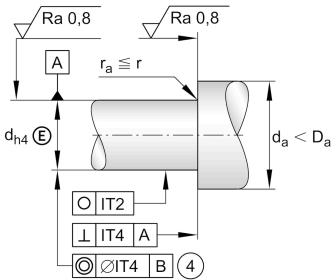
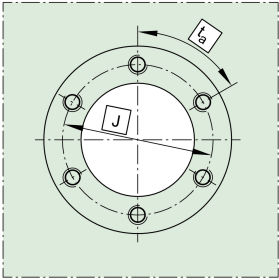


Twoja aktualna wersja produktu

|                                          |    |                                                       |
|------------------------------------------|----|-------------------------------------------------------|
| Cage                                     | TV | Plastic Cage made from PA66                           |
| Locating Feature , bearing<br>outer ring | L  | Stepped shaft locating washer extended<br>on one side |

Main Dimensions & Performance Data

|               |             |                                       |
|---------------|-------------|---------------------------------------|
| d             | 45 mm       | Bore diameter                         |
| D             | 130 mm      | Outside diameter                      |
| H             | 103 mm      | Hight                                 |
| C a           | 154.000 N   | Basic dynamic load rating, axial      |
| C 0a          | 405.000 N   | Basic static load rating, axial       |
| C r           | 40.000 N    | Basic dynamic load rating, radial     |
| C 0r          | 82.000 N    | Basic static load rating, radial      |
| C ua          | 37.500 N    | Fatigue load limit, axial             |
| C ur          | 11.500 N    | Fatigue load limit, radial            |
| n G Oil       | 3.300 1/min | Limiting speed for oil lubrication    |
| n G<br>Grease | 1.150 1/min | Limiting speed for grease lubrication |
| M RL          | 3,5 Nm      | Bearing friction torque               |
| ≈m            | 3,898 kg    | Masa                                  |



Mounting dimensions

|         |        |                                      |
|---------|--------|--------------------------------------|
| D a max | 91 mm  | Maximum diameter of housing shoulder |
| d a min | 68 mm  | Minimum diameter shaft shoulder      |
| t 1     | 0,2 mm | Position bore in the housing         |

Dimensions

|         |         |                                    |
|---------|---------|------------------------------------|
| H 1     | 72 mm   | Height outer ring over wave washer |
| C       | 22,5 mm | Width, outer ring                  |
| C 1     | 12,5 mm | Distance to lubrication hole       |
| D 1     | 90 mm   | Rip diameter shaft washer          |
| D 2     | 70 mm   | Heeldiameter wave washer long      |
| D 3     | 88 mm   | Outside diameter wave washer long  |
| B       | 17,5 mm | Width, wave washer                 |
| B 1     | 38,5 mm | Width wave washer long             |
| B 2     | 18 mm   | Width heel wave washer long        |
| r min   | 0,3 mm  | Minimum chamfer dimension          |
| r 1 min | 0,6 mm  | Minimum chamfer dimension          |
| d 1     | 6 mm    | Diameter lubrication hole          |
| J       | 105 mm  | Pitch circle diameter (holes)      |
| n       | 12      | Number of screwing holes           |
| n x t   | 30 °    | Splīt                              |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 120 °C | Operating temperature max. |



Additional information

|                 |               |                                                                     |
|-----------------|---------------|---------------------------------------------------------------------|
| c <sub>aL</sub> | 4.000 N/μm    | Rigidity axial                                                      |
| c <sub>kL</sub> | 2.100 Nm/mrad | Tilting stiffness                                                   |
| M <sub>m</sub>  | 28,1 kg*cm2   | Mass moment of inertia                                              |
|                 | 1 μm          | Axial runout                                                        |
| radial          | ZMA45/85      | Recommended INA precision locknut for radial locking (not included) |
| axial           | AM45          | Locknut 2                                                           |
| M <sub>A</sub>  | 150 Nm        | Tightening torque nut                                               |
|                 | 33.549 N      | Preload force axial                                                 |
|                 | 70X90X10      | Sealing ring                                                        |
|                 | M8            | Screw size                                                          |
| n <sub>a</sub>  | 12            | Number of screws                                                    |
| na x ta         | 30 °          | Division (screwing holes)                                           |

Właściwości

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