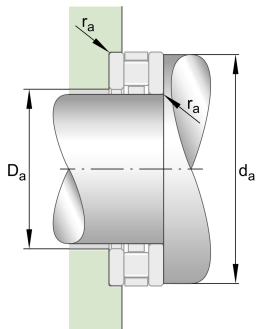
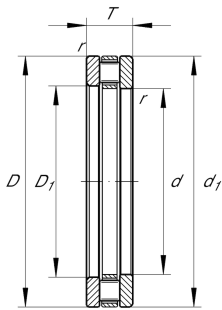


**81114-TV**

## Axial cylindrical roller bearing

Axial cylindrical roller bearings 811, single direction, comprising K811, GS, WS

## Technical information



## Your current product variant

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

## Main Dimensions &amp; Performance Data

|                 |             |                                  |
|-----------------|-------------|----------------------------------|
| d               | 70 mm       | Bore diameter                    |
| T               | 18 mm       | Height                           |
| C <sub>a</sub>  | 111.000 N   | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 365.000 N   | Basic static load rating, axial  |
| C <sub>ua</sub> | 37.000 N    | Fatigue load limit, axial        |
| n <sub>G</sub>  | 3.500 1/min | Limiting speed                   |
| n <sub>gr</sub> | 1.170 1/min | Reference speed                  |
| D               | 95 mm       | Outside diameter                 |
| m               | 331 g       | Weight                           |

## Mounting dimensions

|                    |       |                                      |
|--------------------|-------|--------------------------------------|
| d <sub>a min</sub> | 92 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 72 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 1 mm  | Maximum recess radius                |



Dimensions

|                  |       |                              |
|------------------|-------|------------------------------|
| D <sub>1</sub>   | 72 mm | Bore diameter housing washer |
| d <sub>1</sub>   | 95 mm | Rip diameter shaft washer    |
| r <sub>min</sub> | 1 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

|           |                                |
|-----------|--------------------------------|
| K81114-TV | Axial roller and cage assembly |
| GS81114   | Housing Washer                 |
| WS81114   | Shaft washer                   |
| LS7095    | Track Washer                   |

Characteristics

|                                                                                     |                             |
|-------------------------------------------------------------------------------------|-----------------------------|
|  | Axial load in one direction |
|  | Grease Lubrication          |
|  | Oil Lubrication             |
|  | Not sealed                  |