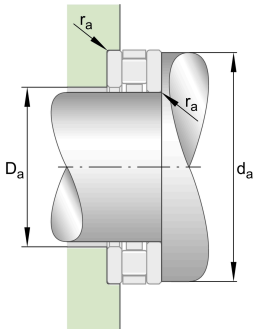
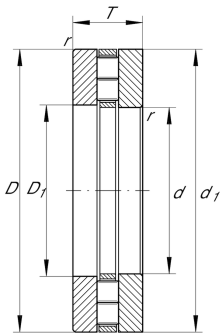


89320-M

Axial cylindrical roller bearing

Axial cylindrical roller bearing 893..-M, two-row

Technical information



Your current product variant

|      |   |            |
|------|---|------------|
| Cage | M | Brass Cage |
|------|---|------------|

Main Dimensions & Performance Data

|                 |             |                                  |
|-----------------|-------------|----------------------------------|
| d               | 100 mm      | Bore diameter                    |
| D               | 170 mm      | Outside diameter                 |
| T               | 42 mm       | Height                           |
| C <sub>a</sub>  | 380.000 N   | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 1.400.000 N | Basic static load rating, axial  |
| C <sub>ua</sub> | 125.000 N   | Fatigue load limit, axial        |
| n <sub>G</sub>  | 2.130 1/min | Limiting speed                   |
| n <sub>gr</sub> | 910 1/min   | Reference speed                  |
| m               | 4,29 kg     | Weight                           |

Mounting dimensions

|                |        |                                      |
|----------------|--------|--------------------------------------|
| d <sub>a</sub> | 167 mm | Minimum diameter shaft shoulder      |
| D <sub>a</sub> | 107 mm | Maximum diameter of housing shoulder |
| r <sub>a</sub> | 1,5 mm | Recess radius                        |



Dimensions

|                  |        |                              |
|------------------|--------|------------------------------|
| D <sub>1</sub>   | 103 mm | Bore diameter housing washer |
| d <sub>1</sub>   | 170 mm | Rip diameter shaft washer    |
| r <sub>min</sub> | 1,5 mm | Minimum chamfer dimension    |
| D <sub>c1</sub>  | 100 mm | Cage bore diameter           |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -20 °C | Operating temperature min. |
| T <sub>max</sub> | 120 °C | Operating temperature max. |

Additional information

|          |                                |
|----------|--------------------------------|
| K89320-M | Axial roller and cage assembly |
| GS89320  | Housing Washer                 |
| WS89320  | Shaft washer                   |

Characteristics

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