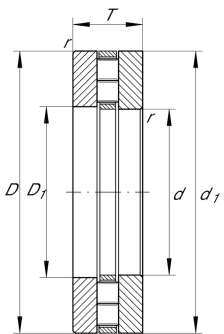


**89320-M**

## Axial cylindrical roller bearing

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

## Technical information



## Your current product variant

Cage	M	Brass Cage
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## Main Dimensions &amp; 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