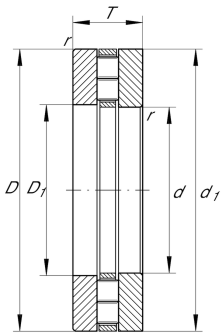
**89309-TV**

## Axial cylindrical roller bearing

Axial cylindrical roller bearings 893, single direction, comprising K893, GS, WS

## Technical information



## Your current product variant

Cage	TV	Plastic Cage made from PA66
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## Main Dimensions &amp; Performance Data

d	45 mm	Bore diameter
D	85 mm	Outside diameter
T	24 mm	Height
C <sub>a</sub>	139.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	445.000 N	Basic static load rating, axial
C <sub>ua</sub>	45.500 N	Fatigue load limit, axial
n <sub>G</sub>	4.450 1/min	Limiting speed
n <sub>gr</sub>	1.620 1/min	Reference speed
m	0,613 kg	Weight

## Mounting dimensions

d <sub>a</sub>	83 mm	Minimum diameter shaft shoulder
D <sub>a</sub>	49 mm	Maximum diameter of housing shoulder
r <sub>a</sub>	1 mm	Recess radius



### Dimensions

D <sub>1</sub>	47 mm	Bore diameter housing washer
d <sub>1</sub>	85 mm	Rip diameter shaft washer
B	24 mm	Width
r <sub>min</sub>	1 mm	Minimum chamfer dimension
D <sub>c1</sub>	45 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

K89309-TV	Axial roller and cage assembly
GS89309	Housing Washer
WS89309	Shaft washer

### Characteristics

 <b>F<sub>a</sub></b>	Axial load in one direction
	Grease Lubrication
	Oil Lubrication
	Not sealed