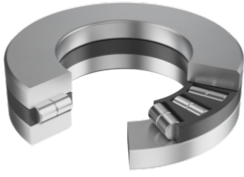


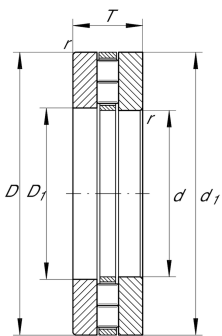
**89314-TV** [↗](#)

## 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 & Performance Data**

d	70 mm	Bore diameter
D	125 mm	Outside diameter
T	34 mm	Height
$C_a$	239.000 N	Basic dynamic load rating, axial
$C_{0a}$	830.000 N	Basic static load rating, axial
$C_{ua}$	76.000 N	Fatigue load limit, axial
$n_G$	2.950 1/min	Limiting speed
$n_{gr}$	1.200 1/min	Reference speed
$m$	1,796 kg	Weight

**Mounting dimensions**

$d_a$	123 mm	Minimum diameter shaft shoulder
$D_a$	76 mm	Maximum diameter of housing shoulder
$r_a$	1,1 mm	Recess radius



### Dimensions

D <sub>1</sub>	72 mm	Bore diameter housing washer
d <sub>1</sub>	125 mm	Rip diameter shaft washer
B	34 mm	Width
r <sub>min</sub>	1,1 mm	Minimum chamfer dimension
D <sub>c1</sub>	70 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

K89314-TV	Axial roller and cage assembly
GS89314	Housing Washer
WS89314	Shaft washer

### Characteristics

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