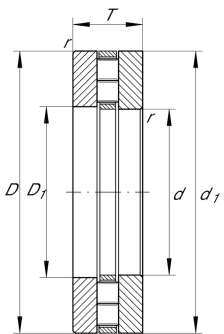


**89316-TV**

## 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
------	----	-----------------------------

## Main Dimensions &amp; Performance Data

d	80 mm	Bore diameter
D	140 mm	Outside diameter
T	36 mm	Height
C <sub>a</sub>	305.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	1.110.000 N	Basic static load rating, axial
C <sub>ua</sub>	101.000 N	Fatigue load limit, axial
n <sub>G</sub>	2.600 1/min	Limiting speed
n <sub>gr</sub>	990 1/min	Reference speed
≈m	2,356 kg	Weight

## Mounting dimensions

d <sub>a</sub>	137 mm	Minimum diameter shaft shoulder
D <sub>a</sub>	86 mm	Maximum diameter of housing shoulder
r <sub>a</sub>	1,5 mm	Recess radius



### Dimensions

D <sub>1</sub>	82 mm	Bore diameter housing washer
d <sub>1</sub>	140 mm	Rip diameter shaft washer
B	36 mm	Width
r <sub>min</sub>	1,5 mm	Minimum chamfer dimension
D <sub>c1</sub>	80 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

K89316-TV	Axial roller and cage assembly
GS89316	Housing Washer
WS89316	Shaft washer

### Characteristics

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