

**81113-TV**

## Axial cylindrical roller bearing

Axial cylindrical roller bearings 811, single direction, comprising K811, GS, WS



## Technical information

**Your current product variant**

Cage	TV	Plastic Cage made from PA66
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**Main Dimensions & Performance Data**

d	65 mm	Bore diameter
T	18 mm	Height
C <sub>a</sub>	107.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	340.000 N	Basic static load rating, axial
C <sub>ua</sub>	34.500 N	Fatigue load limit, axial
n <sub>G</sub>	3.700 1/min	Limiting speed
n <sub>gr</sub>	1.260 1/min	Reference speed
D	90 mm	Outside diameter
m	311,56 g	Weight

**Mounting dimensions**

d <sub>a min</sub>	87 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	67 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum recess radius



### Dimensions

D <sub>1</sub>	67 mm	Bore diameter housing washer
d <sub>1</sub>	90 mm	Rip diameter shaft washer
r <sub>min</sub>	1 mm	Minimum chamfer dimension





### Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.

### Additional information

K81113-TV	Axial roller and cage assembly
GS81113	Housing Washer
WS81113	Shaft washer
LS6590	Track Washer

### Characteristics

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