

**81214-TV** [↗](#)

## Axial cylindrical roller bearing

Axial cylindrical roller bearings 874, single direction, comprising K874, 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	70 mm	Bore diameter
T	27 mm	Height
C <sub>a</sub>	187.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	550.000 N	Basic static load rating, axial
C <sub>ua</sub>	54.000 N	Fatigue load limit, axial
n <sub>G</sub>	3.250 1/min	Limiting speed
n <sub>gr</sub>	1.120 1/min	Reference speed
D	105 mm	Outside diameter
m	0,765 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	102 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	74 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum recess radius



### Dimensions

D <sub>1</sub>	72 mm	Bore diameter housing washer
d <sub>1</sub>	105 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

K81214-TV	Axial roller and cage assembly
GS81214	Housing Washer
WS81214	Shaft washer
LS85110	Track Washer

### Characteristics

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