

**81220-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
------	----	-----------------------------

## Main Dimensions &amp; Performance Data

d	100 mm	Bore diameter
T	38 mm	Height
C <sub>a</sub>	340.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	1.080.000 N	Basic static load rating, axial
C <sub>ua</sub>	113.000 N	Fatigue load limit, axial
n <sub>G</sub>	2.300 1/min	Limiting speed
n <sub>gr</sub>	840 1/min	Reference speed
D	150 mm	Outside diameter
m	2,219 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	142 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	107 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1,1 mm	Maximum recess radius



### Dimensions

D <sub>1</sub>	103 mm	Bore diameter housing washer
d <sub>1</sub>	150 mm	Rip diameter shaft washer
r <sub>min</sub>	1,1 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

K81220-TV	Axial roller and cage assembly
GS81220	Housing Washer
WS81220	Shaft washer
LS7095	Track Washer

### Characteristics

-  Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed