

**81217-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	85 mm	Bore diameter
T	31 mm	Height
C <sub>a</sub>	216.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	660.000 N	Basic static load rating, axial
C <sub>ua</sub>	66.000 N	Fatigue load limit, axial
n <sub>G</sub>	2.750 1/min	Limiting speed
n <sub>gr</sub>	1.060 1/min	Reference speed
D	125 mm	Outside diameter
≈m	1,188 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	119 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	90 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum recess radius

## Dimensions

D <sub>1</sub>	88 mm	Bore diameter housing washer
d <sub>1</sub>	125 mm	Rip diameter shaft washer
r <sub>min</sub>	1 mm	Minimum chamfer dimension



### Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.

### Additional information

K81217-TV	Axial roller and cage assembly
GS81217	Housing Washer
WS81217	Shaft washer
LS5070	Track Washer

### Characteristics

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