

**81113-L**

## Axial cylindrical roller bearing

Axial cylindrical roller and cage assembly  
K811, single direction, suitable for  
combination with axial bearing washers

## Technical information

**Main Dimensions & Performance Data**

d	65 mm	Bore diameter
T	18 mm	Height
C <sub>a</sub>	87.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	260.000 N	Basic static load rating, axial
C <sub>ua</sub>	26.500 N	Fatigue load limit, axial
n <sub>G</sub>	3.700 1/min	Limiting speed
n <sub>gr</sub>	1.530 1/min	Reference speed
D	90 mm	Outside diameter
≈m	309,14 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

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

### Additional information

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

### Characteristics

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