

**81236-M**

Axial cylindrical roller bearing

Axial cylindrical roller bearing 812...-M, single row



## Technical information



## Your current product variant

Cage	M	Brass Cage
------	---	------------

## Main Dimensions &amp; Performance Data

d	180 mm	Bore diameter
T	56 mm	Height
C <sub>a</sub>	700.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	2.440.000 N	Basic static load rating, axial
C <sub>ua</sub>	232.000 N	Fatigue load limit, axial
n <sub>G</sub>	1.340 1/min	Limiting speed
n <sub>gr</sub>	520 1/min	Reference speed
D	250 mm	Outside diameter
m	9,088 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	245 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	190 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1,5 mm	Maximum recess radius



### Dimensions

D <sub>1</sub>	183 mm	Bore diameter housing washer
d <sub>1</sub>	247 mm	Rip diameter shaft washer
r <sub>min</sub>	1,5 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

K81236-M	Axial roller and cage assembly
GS81236	Housing Washer
WS81236	Shaft washer

### Characteristics

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