

**81148-M** [↗](#)

## Axial cylindrical roller bearing

Axial cylindrical roller bearing 811...-M, single row

## Technical information



## Your current product variant

Cage	M	Brass Cage
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## Main Dimensions &amp; Performance Data

d	240 mm	Bore diameter
T	45 mm	Height
C <sub>a</sub>	600.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	2.500.000 N	Basic static load rating, axial
C <sub>ua</sub>	216.000 N	Fatigue load limit, axial
n <sub>G</sub>	1.070 1/min	Limiting speed
n <sub>gr</sub>	420 1/min	Reference speed
D	300 mm	Outside diameter
m	7,72 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	296 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	248 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1,5 mm	Maximum recess radius



### Dimensions

D <sub>1</sub>	243 mm	Bore diameter housing washer
d <sub>1</sub>	297 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

K81148-M	Axial roller and cage assembly
GS81148	Housing Washer
WS81148	Shaft washer

### Characteristics

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