

**81224-M-A**

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	120 mm	Bore diameter
T	39 mm	Height
C <sub>a</sub>	310.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	980.000 N	Basic static load rating, axial
C <sub>ua</sub>	99.000 N	Fatigue load limit, axial
n <sub>G</sub>	1.990 1/min	Limiting speed
n <sub>gr</sub>	880 1/min	Reference speed
D	170 mm	Outside diameter
≈m	2,974 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	162 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	127 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1,1 mm	Maximum recess radius

## Dimensions

D <sub>1</sub>	123 mm	Bore diameter housing washer
d <sub>1</sub>	170 mm	Rip diameter shaft washer
r <sub>min</sub>	1,1 mm	Minimum chamfer dimension



### Temperature range

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

### Additional information

K81124-M	Axial roller and cage assembly
GS81124	Housing Washer
WS81124	Shaft washer

### Characteristics

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