

**81244-M**

## Axial cylindrical roller bearing

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



## Technical information



## Your current product variant

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

d	220 mm	Bore diameter
T	63 mm	Height
C <sub>a</sub>	950.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	3.450.000 N	Basic static load rating, axial
C <sub>ua</sub>	320.000 N	Fatigue load limit, axial
n <sub>G</sub>	1.110 1/min	Limiting speed
n <sub>gr</sub>	410 1/min	Reference speed
D	300 mm	Outside diameter
m	13,854 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	296 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	230 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	2 mm	Maximum recess radius



### Dimensions

D <sub>1</sub>	224 mm	Bore diameter housing washer
d <sub>1</sub>	297 mm	Rip diameter shaft washer
r <sub>min</sub>	2 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

K81244-M	Axial roller and cage assembly
GS81244	Housing Washer
WS81244	Shaft washer

### Characteristics

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