

**81152-M**

Axial cylindrical roller bearing

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

## Technical information



## Your current product variant

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

## Main Dimensions &amp; Performance Data

d	260 mm	Bore diameter
T	45 mm	Height
C <sub>a</sub>	620.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	2.650.000 N	Basic static load rating, axial
C <sub>ua</sub>	223.000 N	Fatigue load limit, axial
n <sub>G</sub>	990 1/min	Limiting speed
n <sub>gr</sub>	390 1/min	Reference speed
D	320 mm	Outside diameter
m	8,29 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	316 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	268 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1,5 mm	Maximum recess radius



### Dimensions

D <sub>1</sub>	263 mm	Bore diameter housing washer
d <sub>1</sub>	317 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

K81152-M	Axial roller and cage assembly
GS81152	Housing Washer
WS81152	Shaft washer

### Characteristics

	Axial load in one direction
	Grease Lubrication
	Oil Lubrication
	Not sealed
	Large bearing