

**81222-M-A**

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	110 mm	Bore diameter
T	38 mm	Height
C <sub>a</sub>	300.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	940.000 N	Basic static load rating, axial
C <sub>ua</sub>	96.000 N	Fatigue load limit, axial
n <sub>G</sub>	2.130 1/min	Limiting speed
n <sub>gr</sub>	920 1/min	Reference speed
D	160 mm	Outside diameter
≈m	2,696 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	152 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	117 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1,1 mm	Maximum recess radius

## Dimensions

D <sub>1</sub>	113 mm	Bore diameter housing washer
d <sub>1</sub>	160 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

K81222-M	Axial roller and cage assembly
GS81222	Housing Washer
WS81222	Shaft washer

### Characteristics

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