

**87420-M**

Axial cylindrical roller bearing

Axial cylindrical roller bearing 874...-M, multi-row

## Technical information

**Your current product variant**

Cage	M	Brass Cage
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**Main Dimensions & Performance Data**

d	100 mm	Bore diameter
D	210 mm	Outside diameter
B	50 mm	Width
C <sub>a</sub>	680.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	2.800.000 N	Basic static load rating, axial
n <sub>G</sub>	1.900 1/min	Limiting speed
n <sub>gr</sub>	550 1/min	Reference speed
m	9,693 kg	Weight

**Mounting dimensions**

d <sub>a min</sub>	206 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	110 mm	Maximum diameter of housing shoulder

**Dimensions**

D <sub>1</sub>	103 mm	Bore diameter housing washer
d <sub>1</sub>	210 mm	Rip diameter shaft washer
r <sub>min</sub>	3 mm	Minimum chamfer dimension



### Temperature range

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T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.

### Additional information

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K87420-M	Axial roller and cage assembly
GS87420	Housing Washer
WS87420	Shaft washer