

**811/670-M**

Axial cylindrical roller bearing

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

Technical information



Your current product variant

Cage	M	Brass Cage
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Main Dimensions & Performance Data

d	670 mm	Bore diameter
T	105 mm	Height
C _a	2.950.000 N	Basic dynamic load rating, axial
C _{0a}	15.300.000 N	Basic static load rating, axial
C _{ua}	1.070.000 N	Fatigue load limit, axial
n _G	390 1/min	Limiting speed
n _{gr}	119 1/min	Reference speed
D	800 mm	Outside diameter
≈m	108,82 kg	Weight

Mounting dimensions

r _{a max}	4 mm	Maximum recess radius
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Dimensions

D ₁	675 mm	Bore diameter housing washer
d ₁	795 mm	Rip diameter shaft washer
r _{min}	4 mm	Minimum chamfer dimension



Temperature range

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

Additional information

K811/670-M	Axial roller and cage assembly
GS811/670	Housing Washer
WS811/670	Shaft washer

Characteristics

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