

**811/560-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 & Performance Data

d	560 mm	Bore diameter
T	85 mm	Height
C _a	2.190.000 N	Basic dynamic load rating, axial
C _{0a}	11.000.000 N	Basic static load rating, axial
C _{ua}	810.000 N	Fatigue load limit, axial
n _G	470 1/min	Limiting speed
n _{gr}	147 1/min	Reference speed
D	670 mm	Outside diameter
≈m	64,18 kg	Weight

Mounting dimensions

r _{a max}	3 mm	Maximum recess radius
--------------------	------	-----------------------

Dimensions

D ₁	565 mm	Bore diameter housing washer
d ₁	665 mm	Rip diameter shaft washer
r _{min}	3 mm	Minimum chamfer dimension



Temperature range

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

Additional information

K811/560-M	Axial roller and cage assembly
GS811/560	Housing Washer
WS811/560	Shaft washer

Characteristics

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