

**811/500-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	500 mm	Bore diameter
T	80 mm	Height
C _a	1.910.000 N	Basic dynamic load rating, axial
C _{0a}	9.300.000 N	Basic static load rating, axial
C _{ua}	700.000 N	Fatigue load limit, axial
n _G	520 1/min	Limiting speed
n _{gr}	163 1/min	Reference speed
D	600 mm	Outside diameter
m	46,69 kg	Weight

Mounting dimensions

r _{a max}	2,1 mm	Maximum recess radius
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Dimensions

D ₁	505 mm	Bore diameter housing washer
d ₁	595 mm	Rip diameter shaft washer
r _{min}	2,1 mm	Minimum chamfer dimension



Temperature range

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

Additional information

K811/500-M	Axial roller and cage assembly
GS811/500	Housing Washer
WS811/500	Shaft washer

Characteristics

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