

**812/500-M**

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 & Performance Data

d	500 mm	Bore diameter
T	135 mm	Height
C _a	4.250.000 N	Basic dynamic load rating, axial
C _{0a}	18.000.000 N	Basic static load rating, axial
C _{ua}	1.260.000 N	Fatigue load limit, axial
n _G	490 1/min	Limiting speed
n _{gr}	135 1/min	Reference speed
D	670 mm	Outside diameter
m	158,27 kg	Weight

Mounting dimensions

r _{a max}	5 mm	Maximum recess radius
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Dimensions

D ₁	505 mm	Bore diameter housing washer
d ₁	665 mm	Rip diameter shaft washer
r _{min}	5 mm	Minimum chamfer dimension



Temperature range

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

Additional information

K812/500-M	Axial roller and cage assembly
GS812/500	Housing Washer
WS812/500	Shaft washer

Characteristics

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