

**81164-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	320 mm	Bore diameter
T	63 mm	Height
C _a	1.100.000 N	Basic dynamic load rating, axial
C _{0a}	4.750.000 N	Basic static load rating, axial
C _{ua}	395.000 N	Fatigue load limit, axial
n _G	800 1/min	Limiting speed
n _{gr}	280 1/min	Reference speed
D	400 mm	Outside diameter
m	19,982 kg	Weight

Mounting dimensions

d _{a min}	394 mm	Minimum diameter shaft shoulder
D _{a max}	334 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius



Dimensions

D ₁	324 mm	Bore diameter housing washer
d ₁	396 mm	Rip diameter shaft washer
r _{min}	2 mm	Minimum chamfer dimension






Temperature range

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

Additional information

K81164-M	Axial roller and cage assembly
GS81164	Housing Washer
WS81164	Shaft washer

Characteristics

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