

**81180-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	400 mm	Bore diameter
T	65 mm	Height
C _a	1.200.000 N	Basic dynamic load rating, axial
C _{0a}	5.700.000 N	Basic static load rating, axial
C _{ua}	445.000 N	Fatigue load limit, axial
n _G	650 1/min	Limiting speed
n _{gr}	224 1/min	Reference speed
D	480 mm	Outside diameter
m	26,58 kg	Weight

Mounting dimensions

d _{a min}	474 mm	Minimum diameter shaft shoulder
D _{a max}	414 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius



Dimensions

D ₁	404 mm	Bore diameter housing washer
d ₁	476 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

K81180-M	Axial roller and cage assembly
GS81180	Housing Washer
WS81180	Shaft washer

Characteristics

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