

**81160-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	300 mm	Bore diameter
T	62 mm	Height
C _a	1.070.000 N	Basic dynamic load rating, axial
C _{0a}	4.500.000 N	Basic static load rating, axial
C _{ua}	380.000 N	Fatigue load limit, axial
n _G	850 1/min	Limiting speed
n _{gr}	300 1/min	Reference speed
D	380 mm	Outside diameter
m	19,43 kg	Weight

Mounting dimensions

d _{a min}	373 mm	Minimum diameter shaft shoulder
D _{a max}	315 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius



Dimensions

D ₁	304 mm	Bore diameter housing washer
d ₁	376 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

K81160-M	Axial roller and cage assembly
GS81160	Housing Washer
WS81160	Shaft washer

Characteristics

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