

**81240-M**

Axial cylindrical roller bearing

Axial cylindrical roller bearing 812...-M, single row

Technical information



Your current product variant

Cage	M	Brass Cage
------	---	------------

Main Dimensions & Performance Data

d	200 mm	Bore diameter
T	62 mm	Height
C _a	900.000 N	Basic dynamic load rating, axial
C _{0a}	3.150.000 N	Basic static load rating, axial
C _{ua}	300.000 N	Fatigue load limit, axial
n _G	1.180 1/min	Limiting speed
n _{gr}	445 1/min	Reference speed
D	280 mm	Outside diameter
≈m	12,614 kg	Weight

Mounting dimensions

d _{a min}	275 mm	Minimum diameter shaft shoulder
D _{a max}	210 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius

Dimensions

D ₁	204 mm	Bore diameter housing washer
d ₁	277 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

K81240-M	Axial roller and cage assembly
GS81240	Housing Washer
WS81240	Shaft washer

Characteristics

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