

**81232-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	160 mm	Bore diameter
T	51 mm	Height
C _a	610.000 N	Basic dynamic load rating, axial
C _{0a}	2.030.000 N	Basic static load rating, axial
C _{ua}	197.000 N	Fatigue load limit, axial
n _G	1.500 1/min	Limiting speed
n _{gr}	580 1/min	Reference speed
D	225 mm	Outside diameter
m	6,863 kg	Weight

Mounting dimensions

d _{a min}	220 mm	Minimum diameter shaft shoulder
D _{a max}	168 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum recess radius



Dimensions

D ₁	163 mm	Bore diameter housing washer
d ₁	222 mm	Rip diameter shaft washer
r _{min}	1,5 mm	Minimum chamfer dimension


Temperature range

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

Additional information

K81232-M	Axial roller and cage assembly
GS81232	Housing Washer
WS81232	Shaft washer

Characteristics

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