

**81140-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	200 mm	Bore diameter
T	37 mm	Height
C _a	390.000 N	Basic dynamic load rating, axial
C _{0a}	1.550.000 N	Basic static load rating, axial
C _{ua}	136.000 N	Fatigue load limit, axial
n _G	1.280 1/min	Limiting speed
n _{gr}	550 1/min	Reference speed
D	250 mm	Outside diameter
≈m	4,31 kg	Weight

Mounting dimensions

d _{a min}	243 mm	Minimum diameter shaft shoulder
D _{a max}	206 mm	Maximum diameter of housing shoulder
r _{a max}	1,1 mm	Maximum recess radius

Dimensions

D ₁	203 mm	Bore diameter housing washer
d ₁	247 mm	Rip diameter shaft washer
r _{min}	1,1 mm	Minimum chamfer dimension



Temperature range

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

Additional information

K81140-M	Axial roller and cage assembly
GS81140	Housing Washer
WS81140	Shaft washer

Characteristics

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