

**81188-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	440 mm	Bore diameter
T	80 mm	Height
C _a	1.790.000 N	Basic dynamic load rating, axial
C _{0a}	8.200.000 N	Basic static load rating, axial
C _{ua}	640.000 N	Fatigue load limit, axial
n _G	590 1/min	Limiting speed
n _{gr}	189 1/min	Reference speed
D	540 mm	Outside diameter
≈m	43,2 kg	Weight

Mounting dimensions

d _{a min}	533 mm	Minimum diameter shaft shoulder
D _{a max}	454 mm	Maximum diameter of housing shoulder

Dimensions

D ₁	444 mm	Bore diameter housing washer
d ₁	535 mm	Rip diameter shaft washer
r _{min}	2,1 mm	Minimum chamfer dimension



Temperature range

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

Additional information

K81188-M	Axial roller and cage assembly
GS81188	Housing Washer
WS81188	Shaft washer

Characteristics

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