

**81292-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	460 mm	Bore diameter
T	130 mm	Height
C _a	3.700.000 N	Basic dynamic load rating, axial
C _{0a}	15.500.000 N	Basic static load rating, axial
C _{ua}	1.110.000 N	Fatigue load limit, axial
n _G	520 1/min	Limiting speed
n _{gr}	147 1/min	Reference speed
D	620 mm	Outside diameter
≈m	121,78 kg	Weight

Mounting dimensions

d _{a min}	611 mm	Minimum diameter shaft shoulder
D _{a max}	499 mm	Maximum diameter of housing shoulder
r _{a max}	5 mm	Maximum recess radius

Dimensions

D ₁	465 mm	Bore diameter housing washer
d ₁	615 mm	Rip diameter shaft washer
r _{min}	5 mm	Minimum chamfer dimension



Temperature range

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

Additional information

K81292-M	Axial roller and cage assembly
GS81292	Housing Washer
WS81292	Shaft washer

Characteristics

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