

**81284-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	420 mm	Bore diameter
T	130 mm	Height
C _a	3.550.000 N	Basic dynamic load rating, axial
C _{0a}	14.400.000 N	Basic static load rating, axial
C _{ua}	1.050.000 N	Fatigue load limit, axial
n _G	580 1/min	Limiting speed
n _{gr}	164 1/min	Reference speed
D	580 mm	Outside diameter
m	112,3 kg	Weight

Mounting dimensions

d _{a min}	571 mm	Minimum diameter shaft shoulder
D _{a max}	459 mm	Maximum diameter of housing shoulder
r _{a max}	5 mm	Maximum recess radius



Dimensions

D ₁	425 mm	Bore diameter housing washer
d ₁	575 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

K81284-M	Axial roller and cage assembly
GS81284	Housing Washer
WS81284	Shaft washer

Characteristics

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