

**81256-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	280 mm	Bore diameter
T	80 mm	Height
C _a	1.470.000 N	Basic dynamic load rating, axial
C _{0a}	5.600.000 N	Basic static load rating, axial
C _{ua}	495.000 N	Fatigue load limit, axial
n _G	870 1/min	Limiting speed
n _{gr}	295 1/min	Reference speed
D	380 mm	Outside diameter
m	30,15 kg	Weight

Mounting dimensions

d _{a min}	373 mm	Minimum diameter shaft shoulder
D _{a max}	300 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum recess radius



Dimensions

D ₁	284 mm	Bore diameter housing washer
d ₁	375 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

K81256-M	Axial roller and cage assembly
GS81256	Housing Washer
WS81256	Shaft washer

Characteristics

	Axial load in one direction
	Grease Lubrication
	Oil Lubrication
	Not sealed
	Large bearing