

**81276-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	380 mm	Bore diameter
T	112 mm	Height
C _a	2.800.000 N	Basic dynamic load rating, axial
C _{0a}	11.100.000 N	Basic static load rating, axial
C _{ua}	910.000 N	Fatigue load limit, axial
n _G	640 1/min	Limiting speed
n _{gr}	193 1/min	Reference speed
D	520 mm	Outside diameter
m	78,1 kg	Weight

Mounting dimensions

d _{a min}	511 mm	Minimum diameter shaft shoulder
D _{a max}	413 mm	Maximum diameter of housing shoulder
r _{a max}	4 mm	Maximum recess radius



Dimensions

D ₁	385 mm	Bore diameter housing washer
d ₁	515 mm	Rip diameter shaft washer
r _{min}	4 mm	Minimum chamfer dimension


Temperature range

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

Additional information

K81276-M	Axial roller and cage assembly
GS81276	Housing Washer
WS81276	Shaft washer

Characteristics

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