

**89328-M**

Axial cylindrical roller bearing

Axial cylindrical roller bearings 894, single direction, comprising K894, GS, WS



Technical information

**Main Dimensions & Performance Data**

d	140 mm	Bore diameter
D	240 mm	Outside diameter
T	60 mm	Height
C _a	820.000 N	Basic dynamic load rating, axial
C _{0a}	3.200.000 N	Basic static load rating, axial
C _{ua}	300.000 N	Fatigue load limit, axial
n _G	1.520 1/min	Limiting speed
n _{gr}	570 1/min	Reference speed
m	12,92 kg	Weight

Mounting dimensions

d _a	235 mm	Minimum diameter shaft shoulder
D _a	152 mm	Maximum diameter of housing shoulder
r _a	2,1 mm	Recess radius



Dimensions

D ₁	144 mm	Bore diameter housing washer
d ₁	240 mm	Rip diameter shaft washer
B	60 mm	Width
r _{min}	2,1 mm	Minimum chamfer dimension
D _{c1}	140 mm	Cage bore diameter





Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Additional information

K89328-M	Axial roller and cage assembly
GS89328	Housing Washer
WS89328	Shaft washer

Characteristics

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