

**81111-TV** [↗](#)

Axial cylindrical roller bearing

Axial cylindrical roller bearings 811, single direction, comprising K811, GS, WS



Technical information



Your current product variant

Cage	TV	Plastic Cage made from PA66
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Main Dimensions & Performance Data

d	55 mm	Bore diameter
T	16 mm	Height
C _a	90.000 N	Basic dynamic load rating, axial
C _{0a}	300.000 N	Basic static load rating, axial
C _{ua}	31.000 N	Fatigue load limit, axial
n _G	4.350 1/min	Limiting speed
n _{gr}	1.350 1/min	Reference speed
D	78 mm	Outside diameter
m	229,8 g	Weight

Mounting dimensions

d _{a min}	77 mm	Minimum diameter shaft shoulder
D _{a max}	56 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum recess radius



Dimensions

D ₁	57 mm	Bore diameter housing washer
d ₁	78 mm	Rip diameter shaft washer
r _{min}	0,6 mm	Minimum chamfer dimension

Temperature range

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

Additional information

K81111-TV	Axial roller and cage assembly
GS81111	Housing Washer
WS81111	Shaft washer
LS5578	Track Washer

Characteristics

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