

**81102-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
------	----	-----------------------------

Main Dimensions & Performance Data

d	15 mm	Bore diameter
T	9 mm	Height
C _a	14.400 N	Basic dynamic load rating, axial
C _{0a}	28.500 N	Basic static load rating, axial
C _{ua}	4.050 N	Fatigue load limit, axial
n _G	13.400 1/min	Limiting speed
n _{gr}	6.300 1/min	Reference speed
D	28 mm	Outside diameter
m	21,3 g	Weight

Mounting dimensions

d _{a min}	27 mm	Minimum diameter shaft shoulder
D _{a max}	16 mm	Maximum diameter of housing shoulder
r _{a max}	0,3 mm	Maximum recess radius



Dimensions

D ₁	16 mm	Bore diameter housing washer
d ₁	28 mm	Rip diameter shaft washer
r _{min}	0,3 mm	Minimum chamfer dimension

Temperature range

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

Additional information

K81102-TV	Axial roller and cage assembly
GS81102	Housing Washer
WS81102	Shaft washer
LS1528	Track Washer

Characteristics

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