

**81103-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	17 mm	Bore diameter
T	9 mm	Height
C _a	15.800 N	Basic dynamic load rating, axial
C _{0a}	33.500 N	Basic static load rating, axial
C _{ua}	4.700 N	Fatigue load limit, axial
n _G	12.300 1/min	Limiting speed
n _{gr}	5.400 1/min	Reference speed
D	30 mm	Outside diameter
m	23,6 g	Weight

Mounting dimensions

d _{a min}	29 mm	Minimum diameter shaft shoulder
D _{a max}	18 mm	Maximum diameter of housing shoulder
r _{a max}	0,3 mm	Maximum recess radius



Dimensions

D ₁	18 mm	Bore diameter housing washer
d ₁	30 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

K81103-TV	Axial roller and cage assembly
GS81103	Housing Washer
WS81103	Shaft washer
LS1730	Track Washer

Characteristics

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