

**81106-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	30 mm	Bore diameter
T	11 mm	Height
C _a	35.500 N	Basic dynamic load rating, axial
C _{0a}	86.000 N	Basic static load rating, axial
C _{ua}	8.200 N	Fatigue load limit, axial
n _G	7.500 1/min	Limiting speed
n _{gr}	3.050 1/min	Reference speed
D	47 mm	Outside diameter
m	58 g	Weight

Mounting dimensions

d _{a min}	46 mm	Minimum diameter shaft shoulder
D _{a max}	31 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum recess radius



Dimensions

D ₁	32 mm	Bore diameter housing washer
d ₁	47 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

K81106-TV	Axial roller and cage assembly
GS81106	Housing Washer
WS81106	Shaft washer
LS3047	Track Washer

Characteristics

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