

**81118-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	90 mm	Bore diameter
T	22 mm	Height
C _a	141.000 N	Basic dynamic load rating, axial
C _{0a}	465.000 N	Basic static load rating, axial
C _{ua}	41.000 N	Fatigue load limit, axial
n _G	2.750 1/min	Limiting speed
n _{gr}	1.070 1/min	Reference speed
D	120 mm	Outside diameter
≈m	0,611 kg	Weight

Mounting dimensions

d _{a min}	117 mm	Minimum diameter shaft shoulder
D _{a max}	93 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius

Dimensions

D ₁	92 mm	Bore diameter housing washer
d ₁	120 mm	Rip diameter shaft washer
r _{min}	1 mm	Minimum chamfer dimension







Temperature range

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

Additional information

K81118-TV	Axial roller and cage assembly
GS81118	Housing Washer
WS81118	Shaft washer
LS90120	Track Washer

Characteristics

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