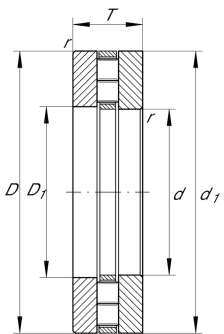


**89309-TV**

Axial cylindrical roller bearing

Axial cylindrical roller bearings 893, single direction, comprising K893, GS, WS

Technical information



Your current product variant

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

d	45 mm	Bore diameter
D	85 mm	Outside diameter
T	24 mm	Height
C _a	139.000 N	Basic dynamic load rating, axial
C _{0a}	445.000 N	Basic static load rating, axial
C _{ua}	45.500 N	Fatigue load limit, axial
n _G	4.450 1/min	Limiting speed
n _{gr}	1.620 1/min	Reference speed
m	0,613 kg	Weight

Mounting dimensions

d _a	83 mm	Minimum diameter shaft shoulder
D _a	49 mm	Maximum diameter of housing shoulder
r _a	1 mm	Recess radius



Dimensions

D ₁	47 mm	Bore diameter housing washer
d ₁	85 mm	Rip diameter shaft washer
B	24 mm	Width
r _{min}	1 mm	Minimum chamfer dimension
D _{c1}	45 mm	Cage bore diameter

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Additional information

K89309-TV	Axial roller and cage assembly
GS89309	Housing Washer
WS89309	Shaft washer

Characteristics

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