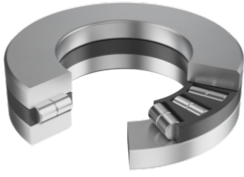


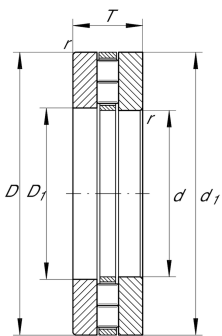
**89316-TV** [↗](#)

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	80 mm	Bore diameter
D	140 mm	Outside diameter
T	36 mm	Height
C_a	305.000 N	Basic dynamic load rating, axial
C_{0a}	1.110.000 N	Basic static load rating, axial
C_{ua}	101.000 N	Fatigue load limit, axial
n_G	2.600 1/min	Limiting speed
n_{gr}	990 1/min	Reference speed
m	2,356 kg	Weight

Mounting dimensions

d_a	137 mm	Minimum diameter shaft shoulder
D_a	86 mm	Maximum diameter of housing shoulder
r_a	1,5 mm	Recess radius



Dimensions

D ₁	82 mm	Bore diameter housing washer
d ₁	140 mm	Rip diameter shaft washer
B	36 mm	Width
r _{min}	1,5 mm	Minimum chamfer dimension
D _{c1}	80 mm	Cage bore diameter

Temperature range

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

Additional information

K89316-TV	Axial roller and cage assembly
GS89316	Housing Washer
WS89316	Shaft washer

Characteristics

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