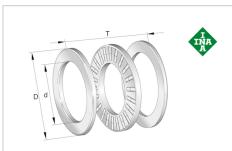
14.07.2023, 17:53:34 IST SCHAEFFLER



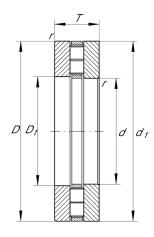
# 89316-TV

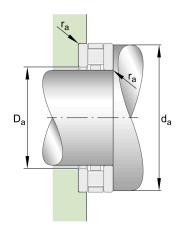
# Axial cylindrical roller bearing

Schaeffler ID: 0003616400000

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

# Technical information





#### **Main Dimensions & Performance Data**

d	[80] mm	Bore diameter
D	[140] mm	Outside diameter
Т	[36] mm	Height
C <sub>a</sub>	[305,000] N	Basic dynamic load rating, axial
C <sub>0a</sub>	[1,110,000] N	Basic static load rating, axial
C <sub>ua</sub>	[101,000] N	Fatigue load limit, axial
n <sub>G</sub>	[2,600] 1/min	Limiting speed
n <sub>9r</sub>	[990] 1/min	Reference speed
	[2.356] kg	\${Weight}

#### **Mounting dimensions**

d <sub>a</sub>	[137] mm	Minimum diameter shaft shoulder
D <sub>a</sub>	[86] mm	Maximum diameter of housing shoulder
r <sub>a</sub>	[1.5] mm	Recess radius

#### **Dimensions**

D <sub>1</sub>	[82] mm	Bore diameter housing washer
d <sub>1</sub>	[140] mm	Rip diameter shaft washer
В	[36] mm	Width
r <sub>min</sub>	[1.5] mm	Minimum chamfer dimension
D <sub>c1</sub>	[80] mm	Cage bore diameter

# Temperature range

T <sub>min</sub>	[-20] °C	Operating temperature min.
T <sub>max</sub>	[120] °C	Operating temperature max.

#### **Additional information**

[K89316-TV]	Axial roller and cage assembly
[109210-14]	Axiai Toller and cage assembly
[GS89316]	Housing Washer
[WS89316]	Shaft washer

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.