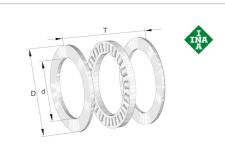
14.07.2023, 17:52:58 IST SCHAEFFLER



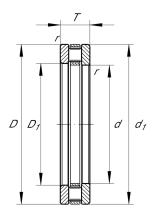
81116-TV

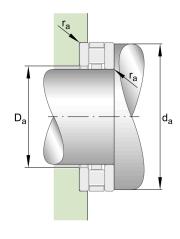
Axial cylindrical roller bearing

Schaeffler ID: 0003618280000

Axial cylindrical roller bearings 811, single direction, comprising K811, GS, WS

Technical information





Main Dimensions & Performance Data

d	[80] mm	Bore diameter
D	[105] mm	Outside diameter
Т	[19] mm	Height
C _a	[106,000] N	Basic dynamic load rating, axial
C _{0a}	[350,000] N	Basic static load rating, axial
C _{ua}	[36,000] N	Fatigue load limit, axial
n _G	[3,100] 1/min	Limiting speed
n _{ðr}	[1,170] 1/min	Reference speed
	[386.4] g	\${Weight}

Mounting dimensions

d _{a min}	[102] mm	Minimum diameter shaft shoulder
D _{a max}	[83] mm	Maximum diameter of housing shoulder
r _{a max}	[1] mm	Maximum recess radius

Dimensions

D ₁	[82] mm	Bore diameter housing washer
d ₁	[105] 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

[K81116-TV]	Axial roller and cage assembly
[GS81116]	Housing Washer
[WS81116]	Shaft washer
[LS80105]	Track 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.