

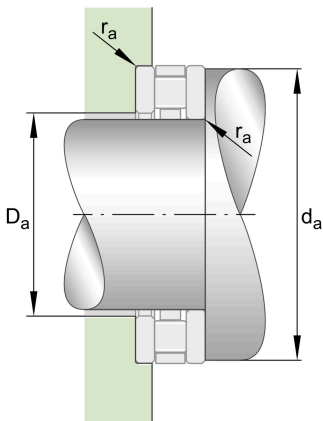
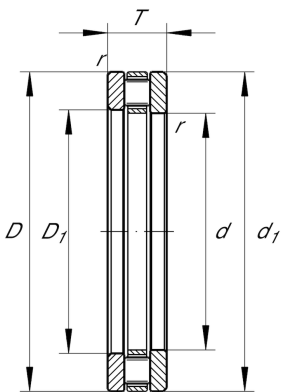
81120-TV

Axial cylindrical roller bearing

Schaeffler ID:
0003615500000

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

Technical information



Main Dimensions & Performance Data

d	[100] mm	Bore diameter
D	[135] mm	Outside diameter
T	[25] mm	Height
C _a	[199,000] N	Basic dynamic load rating, axial
C _{0a}	[650,000] N	Basic static load rating, axial
C _{ua}	[60,000] N	Fatigue load limit, axial
n _G	[2,450] 1/min	Limiting speed
n _{gr}	[920] 1/min	Reference speed
	[0.902] kg	Weight

Mounting dimensions

d _{a min}	[131] mm	Minimum diameter shaft shoulder
D _{a max}	[104] mm	Maximum diameter of housing shoulder
r _{a max}	[1] mm	Maximum recess radius

Dimensions

D ₁	[102] mm	Bore diameter housing washer
d ₁	[135] 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

[K81120-TV]	Axial roller and cage assembly
[GS81120]	Housing Washer
[WS81120]	Shaft washer
[LS100135]	Track Washer