

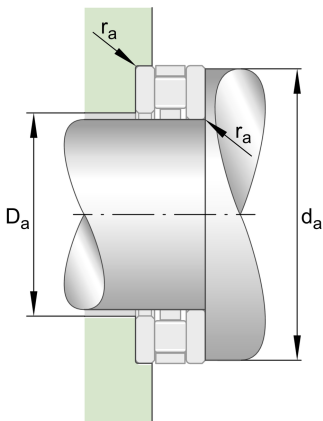
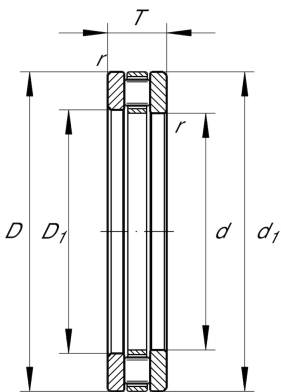
81102-TV

Axial cylindrical roller bearing

Schaeffler ID:
0002402490000

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

Technical information



Main Dimensions & Performance Data

d	[15] mm	Bore diameter
D	[28] mm	Outside diameter
T	[9] mm	Height
C _a	[14,400] N	Basic dynamic load rating, axial
C _{0a}	[28,500] N	Basic static load rating, axial
C _{ua}	[4,050] N	Fatigue load limit, axial
n _G	[13,400] 1/min	Limiting speed
n _{gr}	[6,300] 1/min	Reference speed
	[21.3] g	Weight

Mounting dimensions

d _{a min}	[27] mm	Minimum diameter shaft shoulder
D _{a max}	[16] mm	Maximum diameter of housing shoulder
r _{a max}	[0.3] mm	Maximum recess radius

Dimensions

D ₁	[16] mm	Bore diameter housing washer
d ₁	[28] mm	Rip diameter shaft washer
r _{min}	[0.3] mm	Minimum chamfer dimension

Temperature range

T _{min}	[-30] °C	Operating temperature min.
T _{max}	[120] °C	Operating temperature max.

Additional information

[K81102-TV]	Axial roller and cage assembly
[GS81102]	Housing Washer
[WS81102]	Shaft washer
[LS1528]	Track Washer