

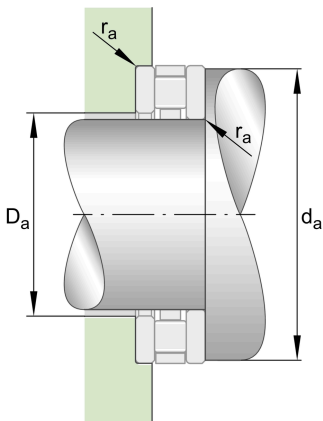
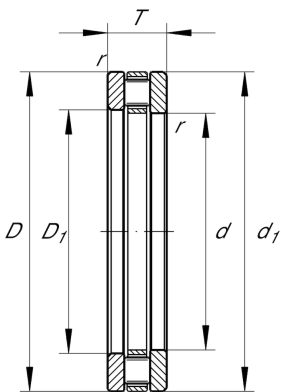
81236-M

Axial cylindrical roller bearing

Schaeffler ID:
0057690350000

Axial cylindrical roller bearing 812...-M,
single row

Technical information



Main Dimensions & Performance Data

d	[180] mm	Bore diameter
D	[250] mm	Outside diameter
T	[56] mm	Height
C _a	[700,000] N	Basic dynamic load rating, axial
C _{0a}	[2,440,000] N	Basic static load rating, axial
C _{ua}	[232,000] N	Fatigue load limit, axial
n _G	[1,340] 1/min	Limiting speed
n _{gr}	[520] 1/min	Reference speed
	[9.088] kg	Weight

Mounting dimensions

d _{a min}	[245] mm	Minimum diameter shaft shoulder
D _{a max}	[190] mm	Maximum diameter of housing shoulder
r _{a max}	[1.5] mm	Maximum recess radius

Dimensions

D ₁	[183] mm	Bore diameter housing washer
d ₁	[247] mm	Rip diameter shaft washer
r _{min}	[1.5] mm	Minimum chamfer dimension

Temperature range

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

Additional information

[K81236-M]	Axial roller and cage assembly
[GS81236]	Housing Washer
[WS81236]	Shaft washer