

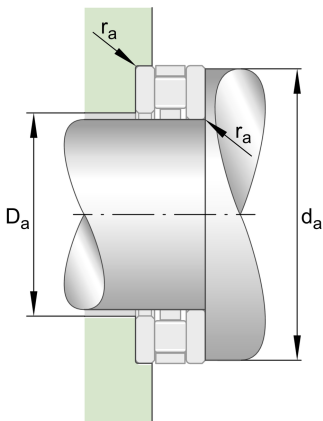
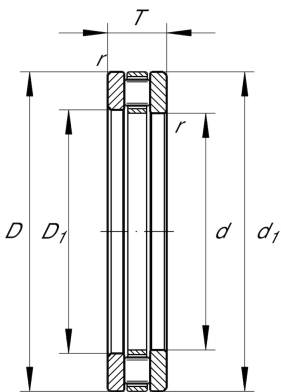
81138-M

Axial cylindrical roller bearing

Schaeffler ID:
0005073000000

Axial cylindrical roller bearing 811...-M,
single row

Technical information



Main Dimensions & Performance Data

d	[190] mm	Bore diameter
D	[240] mm	Outside diameter
T	[37] mm	Height
C _a	[385,000] N	Basic dynamic load rating, axial
C _{0a}	[1,500,000] N	Basic static load rating, axial
C _{ua}	[134,000] N	Fatigue load limit, axial
n _G	[1,340] 1/min	Limiting speed
n _{gr}	[570] 1/min	Reference speed
	[4.126] kg	Weight

Mounting dimensions

d _{a min}	[233] mm	Minimum diameter shaft shoulder
D _{a max}	[197] mm	Maximum diameter of housing shoulder
r _{a max}	[1.1] mm	Maximum recess radius

Dimensions

D ₁	[193] mm	Bore diameter housing washer
d ₁	[237] mm	Rip diameter shaft washer
r _{min}	[1.1] mm	Minimum chamfer dimension

Temperature range

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

Additional information

[K81138-M]	Axial roller and cage assembly
[GS81138]	Housing Washer
[WS81138]	Shaft washer