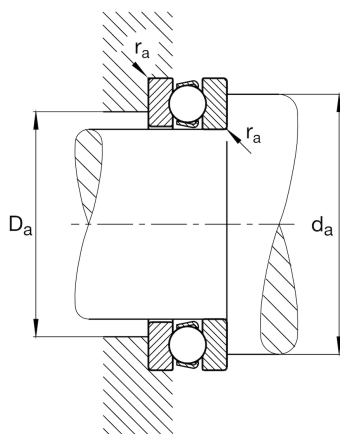
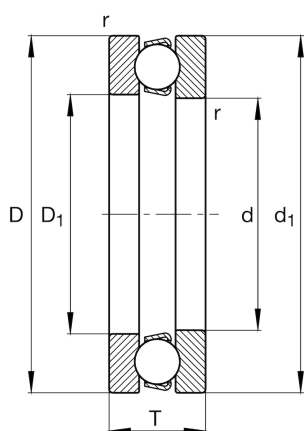


**FAG****51100****Axial deep groove ball bearing**Schaeffler ID:
0167146280000Axial deep groove ball bearing 511, single
direction, steel sheet metal cage**Technical information****Main Dimensions & Performance Data**

d	10 mm	Inner diameter shaft washer
D	24 mm	Outer diameter housing washer
T	9 mm	Height
C _a	10.000 N	Basic dynamic load rating, axial
C _{0a}	14.000 N	Basic static load rating, axial
C _{ua}	640 N	Fatigue load limit, axial
n _G	12.700 1/min	Limiting speed
n _{gr}	19.200 1/min	Reference speed
	0,02 kg	Weight

Dimensions

r _{min}	0,3 mm	Minimum chamfer dimension
D ₁	11 mm	Inner diameter housing washer
d ₁	24 mm	Outer diameter shaft washer

Mounting dimensions

d _{a min}	18 mm	Minimum diameter shaft shoulder
D _{a max}	16 mm	Maximum diameter of housing shoulder
r _{a max}	0,3 mm	Maximum filled radius

Calculation factors

A	0,001	Minimum load factor
---	-------	---------------------

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.