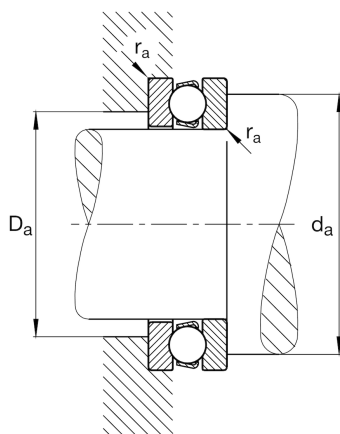
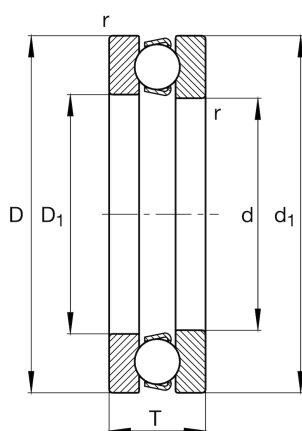


**FAG****51103**

Axial deep groove ball bearing

Schaeffler ID:
0167146520000Axial deep groove ball bearing 511, single
direction, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	17 mm	Inner diameter shaft washer
D	30 mm	Outer diameter housing washer
T	9 mm	Height
C _a	11.300 N	Basic dynamic load rating, axial
C _{0a}	19.600 N	Basic static load rating, axial
C _{ua}	900 N	Fatigue load limit, axial
n _G	12.900 1/min	Limiting speed
n _{gr}	12.500 1/min	Reference speed
	0,027 kg	Weight

Dimensions

r _{min}	0,3 mm	Minimum chamfer dimension
D ₁	18 mm	Inner diameter housing washer
d ₁	30 mm	Outer diameter shaft washer

Mounting dimensions

d _{a min}	25 mm	Minimum diameter shaft shoulder
D _{a max}	22 mm	Maximum diameter of housing shoulder
r _{a max}	0,3 mm	Maximum filled radius

Calculation factors

A	0,002	Minimum load factor
---	-------	---------------------

Temperature range

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