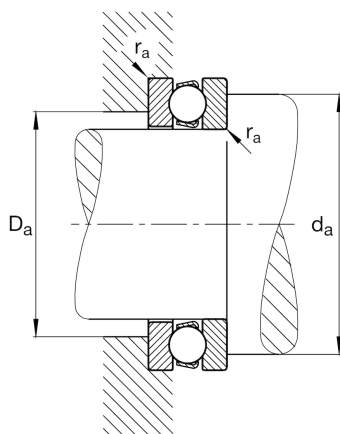
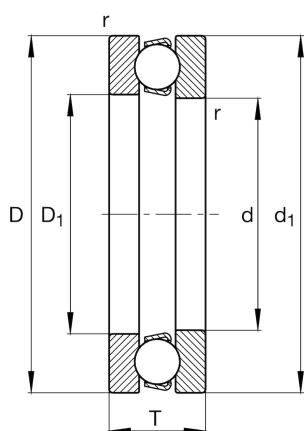


**FAG****51116**

Axial deep groove ball bearing

Schaeffler ID:
0167147920000Axial deep groove ball bearing 511, single
direction, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	80 mm	Inner diameter shaft washer
D	105 mm	Outer diameter housing washer
T	19 mm	Height
C _a	45.000 N	Basic dynamic load rating, axial
C _{0a}	129.000 N	Basic static load rating, axial
C _{ua}	5.900 N	Fatigue load limit, axial
n _G	4.650 1/min	Limiting speed
n _{gr}	3.600 1/min	Reference speed
	0,422 kg	Weight

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	82 mm	Inner diameter housing washer
d ₁	105 mm	Outer diameter shaft washer

Mounting dimensions

d _{a min}	95 mm	Minimum diameter shaft shoulder
D _{a max}	90 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum filled radius

Calculation factors

A	0,1	Minimum load factor
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Temperature range

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