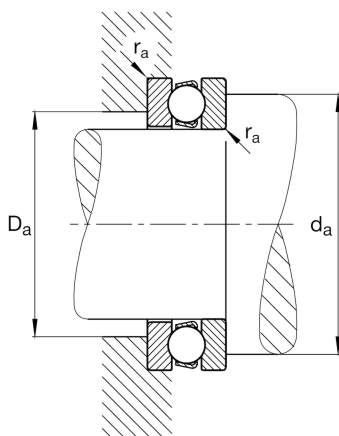
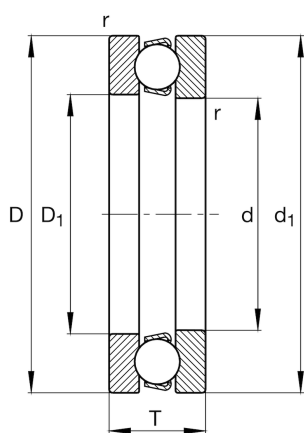


**FAG****51107****Axial deep groove ball bearing**Schaeffler ID:
0167146950000Axial deep groove ball bearing 511, single
direction, steel sheet metal cage**Technical information****Main Dimensions & Performance Data**

d	35 mm	Inner diameter shaft washer
D	52 mm	Outer diameter housing washer
T	12 mm	Height
C _a	20.000 N	Basic dynamic load rating, axial
C _{0a}	46.500 N	Basic static load rating, axial
C _{ua}	2.120 N	Fatigue load limit, axial
n _G	8.800 1/min	Limiting speed
n _{gr}	6.800 1/min	Reference speed
	89 g	Weight

Dimensions

r _{min}	0,6 mm	Minimum chamfer dimension
D ₁	37 mm	Inner diameter housing washer
d ₁	52 mm	Outer diameter shaft washer

Mounting dimensions

d _{a min}	45 mm	Minimum diameter shaft shoulder
D _{a max}	42 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum filled radius

Calculation factors

A	0,011	Minimum load factor
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Temperature range

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