



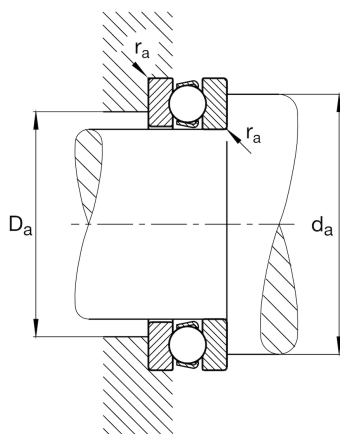
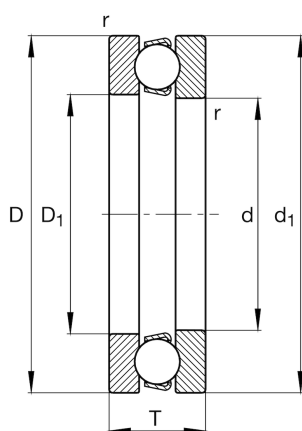
FAG

51122

Axial deep groove ball bearing

Schaeffler ID:
0167148490000Axial deep groove ball bearing 511, single
direction, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	110 mm	Inner diameter shaft washer
D	145 mm	Outer diameter housing washer
T	25 mm	Height
C _a	87.000 N	Basic dynamic load rating, axial
C _{0a}	290.000 N	Basic static load rating, axial
C _{ua}	11.600 N	Fatigue load limit, axial
n _G	3.350 1/min	Limiting speed
n _{gr}	2.800 1/min	Reference speed
	1,06 kg	Weight

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	112 mm	Inner diameter housing washer
d ₁	145 mm	Outer diameter shaft washer

Mounting dimensions

d _{a min}	131 mm	Minimum diameter shaft shoulder
D _{a max}	124 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum filled radius

Calculation factors

A	0,42	Minimum load factor
---	------	---------------------

Temperature range

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