

FAG

★ 51222

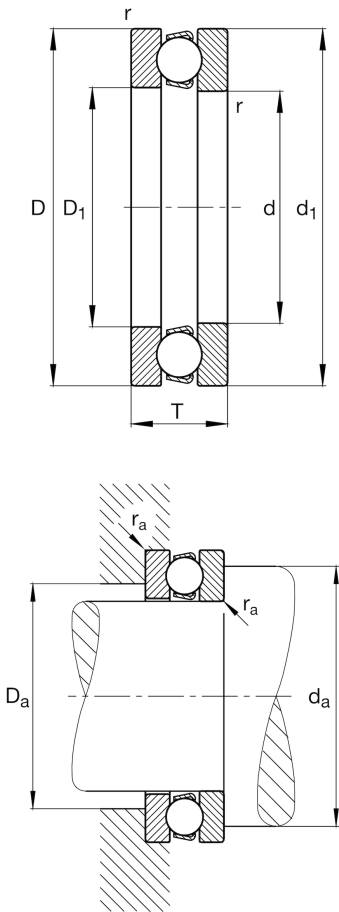
Axial deep groove ball bearing

Schaeffler ID:
0167151870000

Axial deep groove ball bearing 512, single
direction, steel sheet metal cage

★ Preferred product

Technical information



Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.
	2,338 kg	Weight

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	160 mm	Outside diameter
T	38 mm	Height
C _a	126.000 N	Basic dynamic load rating, axial
C _{0a}	365.000 N	Basic static load rating, axial
C _{ua}	14.400 N	Fatigue load limit, axial
n _G	2.650 1/min	Limiting speed
n _{gr}	3.250 1/min	Reference speed

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	113 mm	Bore diameter housing washer
d ₁	160 mm	Lip diameter shaft washer

Mounting dimensions

d _{a min}	140 mm	Minimum diameter shaft shoulder
D _{a max}	130 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius

Additional information

A	0,83	Minimum load factor
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