

FAG

★ 51220

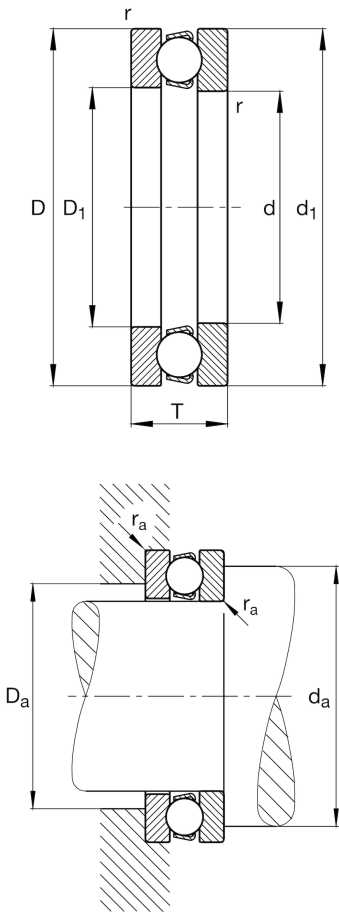
Axial deep groove ball bearing

Schaeffler ID:
0167151790000

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.
	2,151 kg	Weight

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	150 mm	Outside diameter
T	38 mm	Height
C _a	119.000 N	Basic dynamic load rating, axial
C _{0a}	325.000 N	Basic static load rating, axial
C _{ua}	13.300 N	Fatigue load limit, axial
n _G	2.700 1/min	Limiting speed
n _{gr}	3.600 1/min	Reference speed

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	103 mm	Bore diameter housing washer
d ₁	150 mm	Lip diameter shaft washer

Mounting dimensions

d _{a min}	130 mm	Minimum diameter shaft shoulder
D _{a max}	120 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius

Additional information

A	0,68	Minimum load factor
---	------	---------------------