

FAG

★ 51144-MP

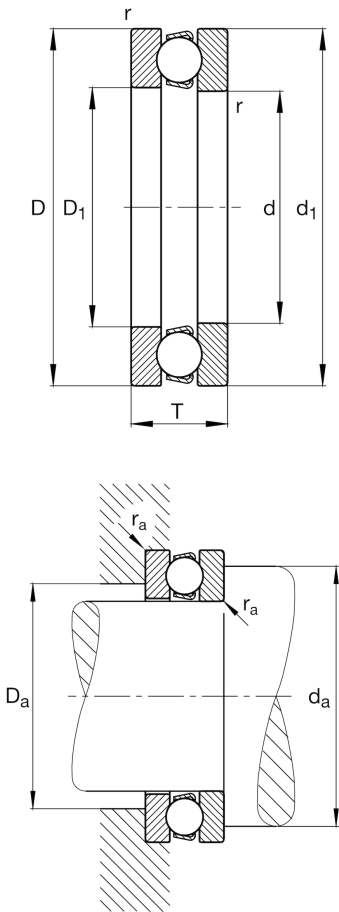
Axial deep groove ball bearing

Schaeffler ID:
0190613660000

Axial deep groove ball bearing 511...-MP,
single direction, solid brass cage

★ Preferred product

Technical information



Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.
	4,508 kg	Weight

Main Dimensions & Performance Data

d	220 mm	Bore diameter
D	270 mm	Outside diameter
T	37 mm	Height
C _a	168.000 N	Basic dynamic load rating, axial
C _{0a}	730.000 N	Basic static load rating, axial
C _{ua}	21.300 N	Fatigue load limit, axial
n _G	1.870 1/min	Limiting speed
n _{gr}	1.600 1/min	Reference speed

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	223 mm	Bore diameter housing washer
d ₁	267 mm	Lip diameter shaft washer

Mounting dimensions

d _{a min}	250 mm	Minimum diameter shaft shoulder
D _{a max}	240 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius

Additional information

A	3	Minimum load factor
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