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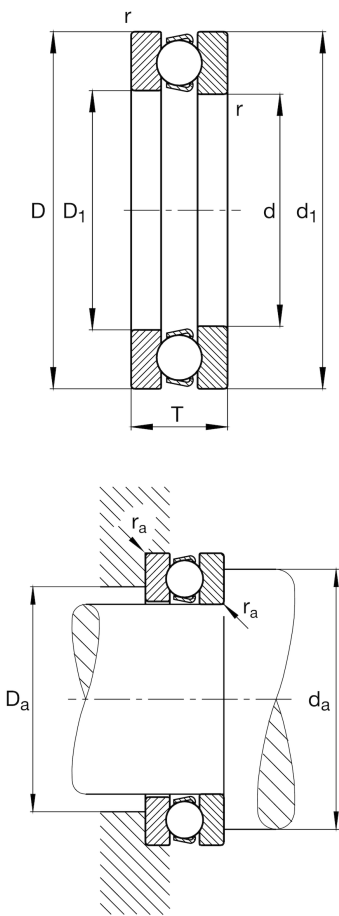
51108

Axial deep groove ball bearing

Schaeffler ID:
0167147090000

Axial deep groove ball bearing 511, single direction, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	40 mm	Inner diameter shaft washer
D	60 mm	Outer diameter housing washer
T	13 mm	Height
C _a	25.500 N	Basic dynamic load rating, axial
C _{0a}	62.000 N	Basic static load rating, axial
C _{ua}	2.850 N	Fatigue load limit, axial
n _G	7.400 1/min	Limiting speed
n _{gr}	6.400 1/min	Reference speed
	119 g	Weight

Dimensions

r _{min}	0,6 mm	Minimum chamfer dimension
D ₁	42 mm	Inner diameter housing washer
d ₁	60 mm	Outer diameter shaft washer

Mounting dimensions

d _{a min}	52 mm	Minimum diameter shaft shoulder
D _{a max}	48 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum filled radius

Calculation factors

A	0,02	Minimum load factor
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Temperature range

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