

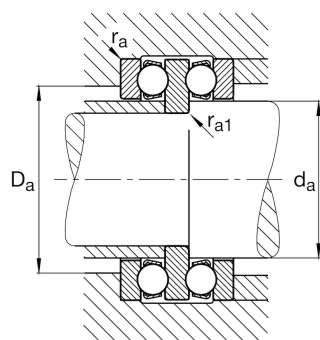
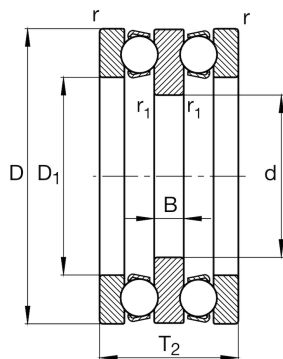
FAG

52207

Axial deep groove ball bearing

Schaeffler ID:
0167155430000Axial deep groove ball bearing 522, double
direction, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	62 mm	Outside diameter
T ₂	34 mm	Height
C _a	35,500 N	Basic dynamic load rating, axial
C _{0a}	67,000 N	Basic static load rating, axial
C _{ua}	3,100 N	Fatigue load limit, axial
n _G	6,000 1/min	Limiting speed
n _{gr}	7,500 1/min	Reference speed
	0.405 kg	Weight

Dimensions

D ₁	37 mm	Bore diameter housing washer
B	8 mm	Height shaft washer
r _{min}	1 mm	Minimum chamfer dimension
r _{1 min}	0.3 mm	Minimum chamfer dimension

Mounting dimensions

d _{a max}	35 mm	Maximum mounting dimension shaft
D _{a max}	46 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius
r _{a1 max}	0.3 mm	Maximum recess radius

Additional information

A	0.028	Minimum load factor
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Temperature range

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