

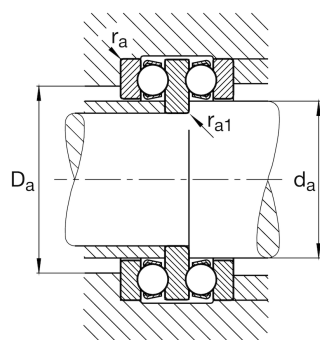
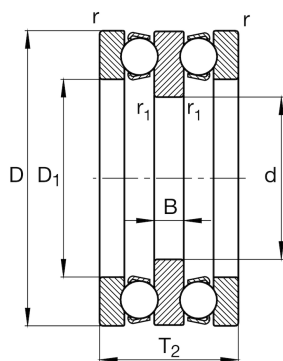
FAG

52317

Axial deep groove ball bearing

Schaeffler ID:
0190659060000Axial deep groove ball bearing 523, double
direction, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	150 mm	Outside diameter
T ₂	87 mm	Height
C _a	186.000 N	Basic dynamic load rating, axial
C _{0a}	420.000 N	Basic static load rating, axial
C _{ua}	17.700 N	Fatigue load limit, axial
n _G	2.260 1/min	Limiting speed
n _{gr}	4.150 1/min	Reference speed
	6,202 kg	Weight

Additional information

D ₁	88 mm	Bore diameter housing washer
B	19 mm	Height shaft washer
r _{min}	1,5 mm	Minimum chamfer dimension
r _{1 min}	1 mm	Minimum chamfer dimension

Mounting dimensions

d _{a max}	85 mm	Maximum mounting dimension shaft
D _{a max}	111 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum recess radius
r _{a1 max}	1 mm	Maximum recess radius

Calculation factors

A	1,1	Minimum load factor
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Temperature range

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