

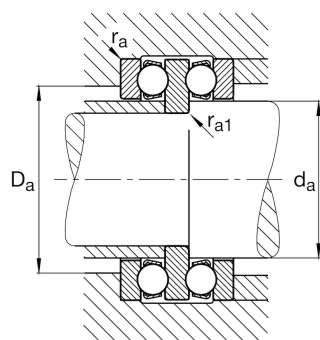
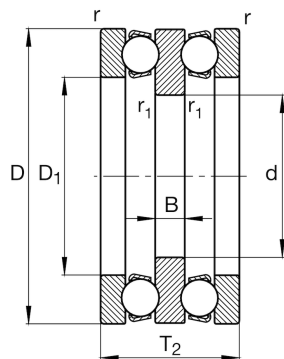
FAG

52212

Axial deep groove ball bearing

Schaeffler ID:
0190069770000Axial deep groove ball bearing 522, double
direction, steel sheet metal cage

Technical information

**Main Dimensions & Performance Data**

d	50 mm	Bore diameter
D	95 mm	Outside diameter
T ₂	46 mm	Height
C _a	62,000 N	Basic dynamic load rating, axial
C _{0a}	139,000 N	Basic static load rating, axial
C _{ua}	6,300 N	Fatigue load limit, axial
n _G	4,200 1/min	Limiting speed
n _{gr}	5,200 1/min	Reference speed
	1.116 kg	Weight

Dimensions

D ₁	62 mm	Bore diameter housing washer
B	10 mm	Height shaft washer
r _{min}	1 mm	Minimum chamfer dimension
r _{1 min}	0.6 mm	Minimum chamfer dimension

Mounting dimensions

d _{a max}	60 mm	Maximum mounting dimension shaft
D _{a max}	74 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius
r _{a1 max}	0.6 mm	Maximum recess radius

Additional information

A	0.12	Minimum load factor
---	------	---------------------

Temperature range

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