

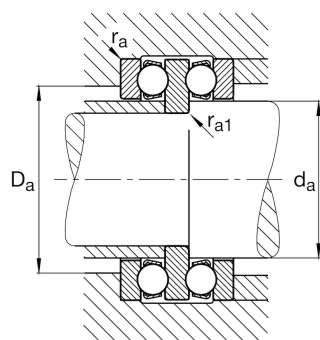
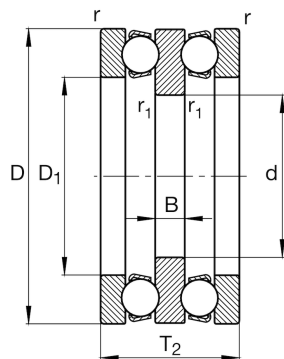
FAG

52202

Axial deep groove ball bearing

Schaeffler ID:
0190069260000Axial deep groove ball bearing 522, double
direction, steel sheet metal cage

Technical information

**Main Dimensions & Performance Data**

d	10 mm	Bore diameter
D	32 mm	Outside diameter
T ₂	22 mm	Height
C _a	16,600 N	Basic dynamic load rating, axial
C _{0a}	24,800 N	Basic static load rating, axial
C _{ua}	1,130 N	Fatigue load limit, axial
n _G	9,800 1/min	Limiting speed
n _{gr}	13,700 1/min	Reference speed
	85 g	Weight

Dimensions

D ₁	17 mm	Bore diameter housing washer
B	5 mm	Height shaft washer
r _{min}	0.6 mm	Minimum chamfer dimension
r _{1 min}	0.3 mm	Minimum chamfer dimension

Mounting dimensions

d _{a max}	15 mm	Maximum mounting dimension shaft
D _{a max}	22 mm	Maximum diameter of housing shoulder
r _{a max}	0.6 mm	Maximum recess radius
r _{a1 max}	0.3 mm	Maximum recess radius

Additional information

A	0.003	Minimum load factor
---	-------	---------------------

Temperature range

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