

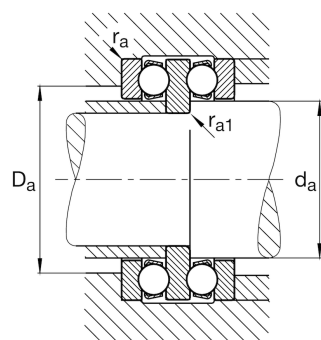
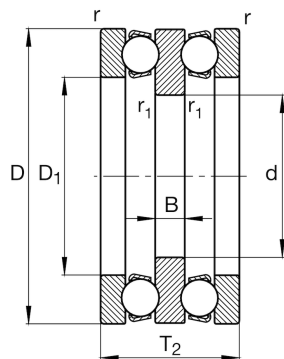
FAG

52204

Axial deep groove ball bearing

Schaeffler ID:
0167155270000Axial deep groove ball bearing 522, double
direction, steel sheet metal cage

Technical information

**Main Dimensions & Performance Data**

d	15 mm	Bore diameter
D	40 mm	Outside diameter
T ₂	26 mm	Height
C _a	21,100 N	Basic dynamic load rating, axial
C _{0a}	37,500 N	Basic static load rating, axial
C _{ua}	1,700 N	Fatigue load limit, axial
n _G	8,500 1/min	Limiting speed
n _{gr}	11,100 1/min	Reference speed
	0.002 kg	Weight

Dimensions

D ₁	22 mm	Bore diameter housing washer
B	6 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}	20 mm	Maximum mounting dimension shaft
D _{a max}	28 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	0.007	Minimum load factor
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Temperature range

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