

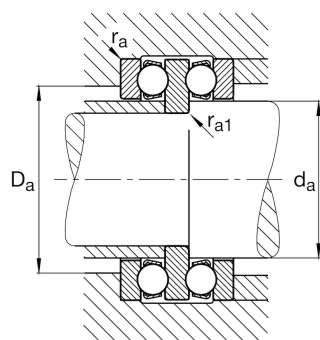
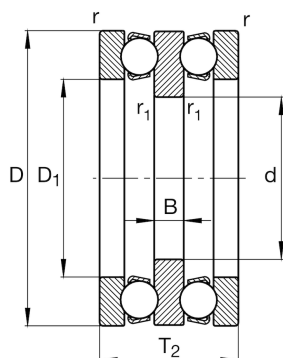
FAG

52208

Axial deep groove ball bearing

Schaeffler ID:
0167155510000Axial deep groove ball bearing 522, double
direction, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	68 mm	Outside diameter
T ₂	36 mm	Height
C _a	44,000 N	Basic dynamic load rating, axial
C _{0a}	97,000 N	Basic static load rating, axial
C _{ua}	4,400 N	Fatigue load limit, axial
n _G	5,500 1/min	Limiting speed
n _{gr}	6,900 1/min	Reference speed
	0.55 kg	Weight

Dimensions

D ₁	42 mm	Bore diameter housing washer
B	9 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}	40 mm	Maximum mounting dimension shaft
D _{a max}	51 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	0.05	Minimum load factor
---	------	---------------------

Temperature range

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