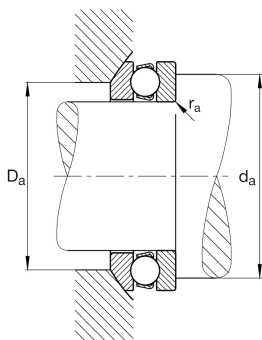
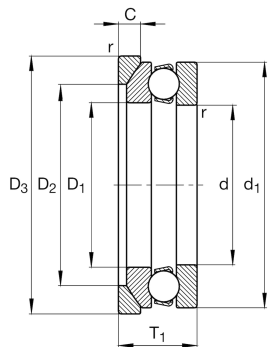
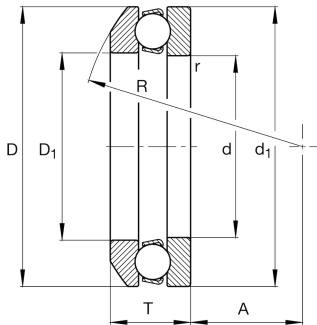
**FAG****53220** **Axial deep groove ball bearing**

Axial deep groove ball bearing 532, single direction, with spherical housing washer, steel sheet metal cage

Technical information**Your current product variant**

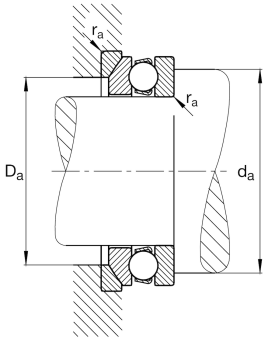
Cage	JP	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°

Main Dimensions & Performance Data

d	100 mm	Inner diameter shaft washer
D	150 mm	Outer diameter housing washer
T	40.9 mm	Height
C _a	119,000 N	Basic dynamic load rating, axial
C _{0a}	325,000 N	Basic static load rating, axial
C _{ua}	13,300 N	Fatigue load limit, axial
n _G	2,700 1/min	Limiting speed
n _{gr}	3,600 1/min	Reference speed
≈m	2.228 kg	Weight

Mounting dimensions

d _{a min}	130 mm	Minimum diameter shaft shoulder
D _{a max}	125 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum filled radius



Dimensions

r _{min}	1.1 mm	Minimum chamfer dimension
D ₁	103 mm	Inner diameter housing washer
d ₁	150 mm	Outer diameter shaft washer
R	112 mm	Radius spherical housing washer
A	52 mm	Distance of the center point
T ₁	45 mm	Height with seat washer
D ₂	125 mm	Bore diameter seat washer
D ₃	155 mm	Outside diameter seat washer
C	14 mm	Height seat washer

Temperature range

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

Calculation factors

A	0.68	Minimum load factor
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Additional information

U220	Seat washer
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Characteristics

	Axial load in one direction
	Grease Lubrication
	Oil Lubrication
	Not sealed
	Static angular error and misalignment