

FAG

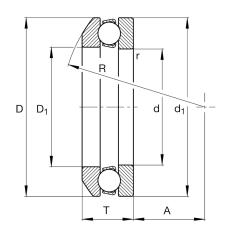


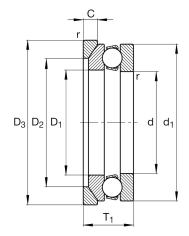
## <u>53314</u> 🗹

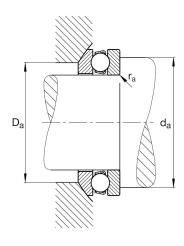
Axial deep groove ball bearing

Axial deep groove ball bearing 533, single direction, with spherical housing washer, steel sheet metal cage

## Technical information





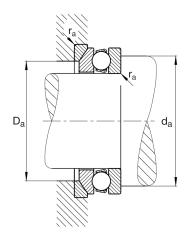


## Main Dimensions & Performance Data

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d	70 mm	Inner diameter shaft washer
D	125 mm	Outer diameter housing washer
Т	44,2 mm	Height
C <sub>a</sub>	134.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	290.000 N	Basic static load rating, axial
C <sub>ua</sub>	13.300 N	Fatigue load limit, axial
n <sub>G</sub>	2.750 1/min	Limiting speed
n <sub>ϑr</sub>	4.950 1/min	Reference speed
≈m	2,06 kg	Weight
Mounting dimensions		
Mounting dimensions		
d <sub>a min</sub>	103 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	98 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum filled radius
Dimensions		
Dimensions		
Dimensions	1,1 mm	Minimum chamfer dimension
	1,1 mm 72 mm	Minimum chamfer dimension Inner diameter housing washer
r <sub>min</sub>		
r <sub>min</sub> D <sub>1</sub>	72 mm	Inner diameter housing washer
r <sub>min</sub> D <sub>1</sub> d <sub>1</sub>	72 mm 125 mm	Inner diameter housing washer Outer diameter shaft washer
r <sub>min</sub> D <sub>1</sub> d <sub>1</sub> R	72 mm 125 mm 100 mm	Inner diameter housing washer Outer diameter shaft washer Radius spherical housing washer
r <sub>min</sub> D <sub>1</sub> d <sub>1</sub> R A	72 mm 125 mm 100 mm 43 mm 48 mm	Inner diameter housing washer Outer diameter shaft washer Radius spherical housing washer Distance of the center point
r min D 1 d 1 R A T 1	72 mm 125 mm 100 mm 43 mm 48 mm	Inner diameter housing washer Outer diameter shaft washer Radius spherical housing washer Distance of the center point
r min D 1 d 1 R A T 1 <b>Temperature r</b>	72 mm 125 mm 100 mm 43 mm 48 mm ange	Inner diameter housing washerOuter diameter shaft washerRadius spherical housing washerDistance of the center pointHeight with seat washer
r min D 1 d 1 R A T 1 <b>Temperature r</b>	72 mm 125 mm 100 mm 43 mm 48 mm ange -30 °C 150 °C	Inner diameter housing washer Outer diameter shaft washer Radius spherical housing washer Distance of the center point Height with seat washer Operating temperature min.

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.





## Additional information

U314

Seat washer