

FAG

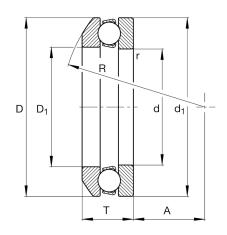


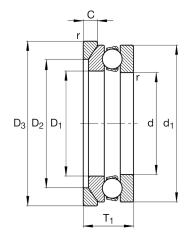
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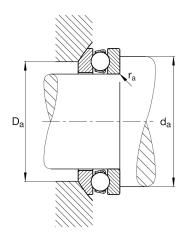
Axial deep groove ball bearing

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

Technical information





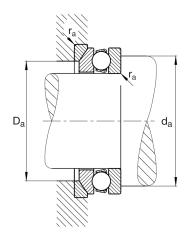


Main Dimensions & Performance Data

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d	50 mm	Inner diameter shaft washer
D	95 mm	Outer diameter housing washer
Т	34,3 mm	Height
C a	82.000 N	Basic dynamic load rating, axial
C _{0a}	169.000 N	Basic static load rating, axial
C _{ua}	7.700 N	Fatigue load limit, axial
n _G	3.550 1/min	Limiting speed
n _{ər}	6.400 1/min	Reference speed
≈m	0,969 kg	Weight
Mounting dimensions		
d _{a min}	77 mm	Minimum diameter shaft shoulder
D _{a max}	72 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum filled radius
Dimensions		
Dimensions		
Dimensions	1,1 mm	Minimum chamfer dimension
	1,1 mm 52 mm	Minimum chamfer dimension Inner diameter housing washer
r _{min}	,	
r _{min} D ₁	52 mm	Inner diameter housing washer
r _{min} D ₁ d ₁	52 mm 95 mm	Inner diameter housing washer Outer diameter shaft washer
r _{min} D ₁ d ₁ R	52 mm 95 mm 72 mm	Inner diameter housing washer Outer diameter shaft washer Radius spherical housing washer
r _{min} D ₁ d ₁ R A	52 mm 95 mm 72 mm 28 mm 37 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	52 mm 95 mm 72 mm 28 mm 37 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 Temperature r	52 mm 95 mm 72 mm 28 mm 37 mm	Inner diameter housing washer Outer diameter shaft washer Radius spherical housing washer Distance of the center point Height with seat washer
r min D 1 d 1 R A T 1 Temperature ra	52 mm 95 mm 72 mm 28 mm 37 mm 37 mm -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

U310

Seat washer