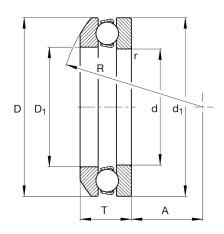
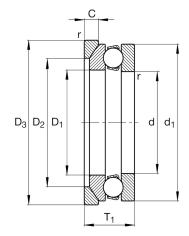


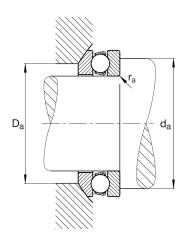
FAG



Technical information







<u>53311</u> 🗹

Axial deep groove ball bearing

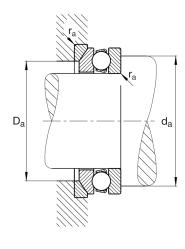
Axial deep groove ball bearing 533, single direction, with spherical housing washer, steel sheet metal cage

Main Dimensions & Performance Data

d	55 mm	Inner diameter shaft washer
D	105 mm	Outer diameter housing washer
Т	39,3 mm	Height
C _a	102.000 N	Basic dynamic load rating, axial
C _{0a}	207.000 N	Basic static load rating, axial
C _{ua}	9.500 N	Fatigue load limit, axial
n _G	3.200 1/min	Limiting speed
n _{ϑr}	6.000 1/min	Reference speed
≈m	1,346 kg	Weight
Mounting dimensions		
d _{a min}	85 mm	Minimum diameter shaft shoulder
D _{a max}	80 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum filled radius
Dimensions		
Dimensions	1,1 mm	Minimum chamfer dimension
	1,1 mm 57 mm	Minimum chamfer dimension
r _{min}		
r _{min} D ₁	57 mm	Inner diameter housing washer
r _{min} D ₁ d ₁	57 mm 105 mm	Inner diameter housing washer Outer diameter shaft washer
r _{min} D ₁ d ₁ R	57 mm 105 mm 80 mm	Inner diameter housing washer Outer diameter shaft washer Radius spherical housing washer
r _{min} D ₁ d ₁ R A	57 mm 105 mm 80 mm 30 mm 42 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	57 mm 105 mm 80 mm 30 mm 42 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	57 mm 105 mm 80 mm 30 mm 42 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 r	57 mm 105 mm 80 mm 30 mm 42 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

U311

Seat washer