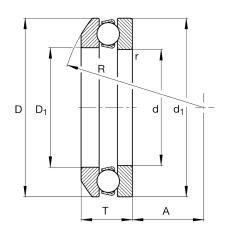
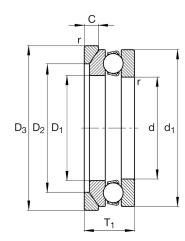
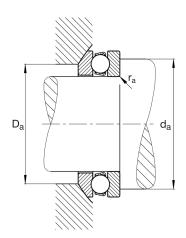


# Technical information







# 53312

FAG

Axial deep groove ball bearing

Schaeffler ID: 0190071400000 Axial deep groove ball bearing 533, single direction, with spherical housing washer, steel sheet metal cage

# Main Dimensions & Performance Data

d	60 mm	Inner diameter shaft washer
D	110 mm	Outer diameter housing washer
Т	38,3 mm	Height
C <sub>a</sub>	101.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	207.000 N	Basic static load rating, axial
C <sub>ua</sub>	9.500 N	Fatigue load limit, axial
n <sub>G</sub>	3.150 1/min	Limiting speed
n <sub>ðr</sub>	5.700 1/min	Reference speed
≈m	1,372 kg	Weight

### **Mounting dimensions**

d <sub>a min</sub>	90 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	85 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum filled radius

#### **Dimensions**

r <sub>min</sub>	1,1 mm	Minimum chamfer dimension
D <sub>1</sub>	62 mm	Inner diameter housing washer
d <sub>1</sub>	110 mm	Outer diameter shaft washer
R	90 mm	Radius spherical housing washer
А	41 mm	Distance of the center point
Τ <sub>1</sub>	42 mm	Height with seat washer

Temperature range				
T <sub>min</sub>	-30 °C	Operating temperature min.		
T <sub>max</sub>	150 °C	Operating temperature max.		
Calculation factors				
А	0,28	Minimum load factor		
Additional information				

U312

Seat washer

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.

