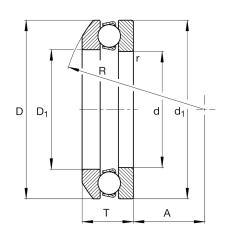
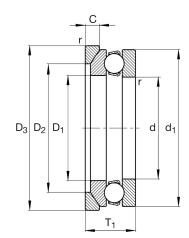
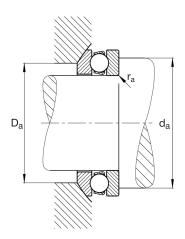


## Technical information







# 53207

FAG

Axial deep groove ball bearing

Schaeffler ID: 0167157990000 Axial deep groove ball bearing 532, single direction, with spherical housing washer, steel sheet metal cage

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r <sub>min</sub>	1 mm	Minimum chamfer dimension
D <sub>1</sub>	37 mm	Inner diameter housing washer
d 1	62 mm	Outer diameter shaft washer
R	50 mm	Radius spherical housing washer
А	24 mm	Distance of the center point
T <sub>1</sub>	22 mm	Height with seat washer
	0,221 kg	Weight

#### Main Dimensions & Performance Data

d 35 mm Inner diameter shaft washer	
D 62 mm Outer diameter housing washer	
T 19,9 mm Height	
C <sub>a</sub> 35.500 N Basic dynamic load rating, axial	
C <sub>0a</sub> 67.000 N Basic static load rating, axial	
C <sub>ua</sub> 3.100 N Fatigue load limit, axial	
n <sub>G</sub> 6.000 1/min Limiting speed	
n <sub>vr</sub> 8.000 1/min Reference speed	

#### **Mounting dimensions**

d <sub>a min</sub>	51 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	48 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum filled radius

### Calc

Calculation factors		
A Additional info	0,028 mation	Minimum load factor
	U207	Seat washer

Temperature range		
T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	150 °C	Operating temperature max.

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.

