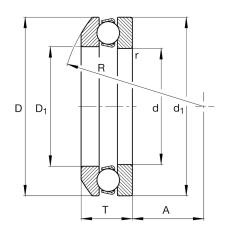
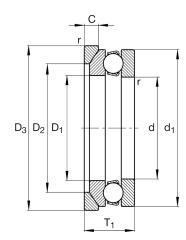
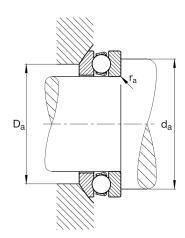


### Technical information









# 53209

FAG

Axial deep groove ball bearing

Schaeffler ID: 0167158100000 Axial deep groove ball bearing 532, single direction, with spherical housing washer, steel sheet metal cage

## Main Dimensions & Performance Data

d	45 mm	Inner diameter shaft washer
D	73 mm	Outer diameter housing washer
Т	21,3 mm	Height
C <sub>a</sub>	39.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	80.000 N	Basic static load rating, axial
C <sub>ua</sub>	3.650 N	Fatigue load limit, axial
n <sub>G</sub>	5.500 1/min	Limiting speed
n <sub>ər</sub>	6.600 1/min	Reference speed
	0,291 kg	Weight

#### **Dimensions**

r <sub>min</sub>	1 mm	Minimum chamfer dimension
D <sub>1</sub>	47 mm	Inner diameter housing washer
d <sub>1</sub>	73 mm	Outer diameter shaft washer
R	56 mm	Radius spherical housing washer
А	26 mm	Distance of the center point
Τ <sub>1</sub>	24 mm	Height with seat washer

#### **Mounting dimensions**

d <sub>a min</sub>	62 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	60 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum filled radius

### Calculati

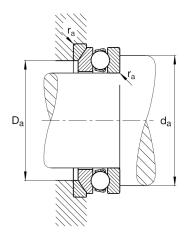
А

ion factors		
0,043	Minimum load factor	
al information		

## **Additional information**

	U209	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.





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