

### FAG

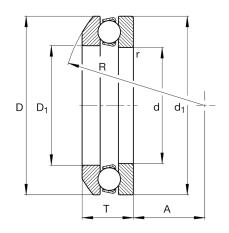
## 53220

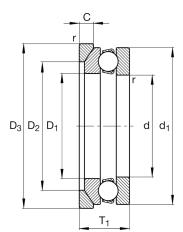
# Axial deep groove ball bearing

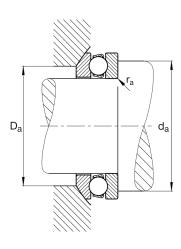
Schaeffler ID: 0190071160000

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

## Technical information









## **Main Dimensions & Performance Data**

d	100 mm	Inner diameter shaft washer
D	150 mm	Outer diameter housing washer
Т	40,9 mm	Height
C <sub>a</sub>	119.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	325.000 N	Basic static load rating, axial
C <sub>ua</sub>	13.300 N	Fatigue load limit, axial
n <sub>G</sub>	2.700 1/min	Limiting speed
n <sub>9r</sub>	3.600 1/min	Reference speed
	2,228 kg	Weight

#### **Dimensions**

r <sub>min</sub>	1,1 mm	Minimum chamfer dimension
D <sub>1</sub>	103 mm	Inner diameter housing washer
d <sub>1</sub>	150 mm	Outer diameter shaft washer
R	112 mm	Radius spherical housing washer
Α	52 mm	Distance of the center point
T <sub>1</sub>	45 mm	Height with seat washer

# **Mounting dimensions**

d <sub>a min</sub>	130 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	125 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum filled radius

# **Calculation factors**

A 0,68 Minimum load factor

## **Additional information**

U220 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.

