

**FAG****53207****Axial deep groove ball bearing**

Schaeffler ID:  
0167157990000

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

**Technical information****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>gr</sub>	8.000 1/min	Reference speed
	0,221 kg	Weight

**Dimensions**

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

**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

**Calculation factors**

A	0,028	Minimum load factor
---	-------	---------------------

**Additional information**

U207	Seat washer
------	-------------

**Temperature range**

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



