

**FAG****53214****Axial deep groove ball bearing**

Schaeffler ID:
0167158450000

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

Technical information**Main Dimensions & Performance Data**

d	70 mm	Inner diameter shaft washer
D	105 mm	Outer diameter housing washer
T	28,8 mm	Height
C _a	66.000 N	Basic dynamic load rating, axial
C _{0a}	159.000 N	Basic static load rating, axial
C _{ua}	7.200 N	Fatigue load limit, axial
n _G	4.000 1/min	Limiting speed
n _{gr}	4.550 1/min	Reference speed
	0,78 kg	Weight

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	72 mm	Inner diameter housing washer
d ₁	105 mm	Outer diameter shaft washer
R	80 mm	Radius spherical housing washer
A	38 mm	Distance of the center point
T ₁	32 mm	Height with seat washer

Mounting dimensions

d _{a min}	91 mm	Minimum diameter shaft shoulder
D _{a max}	88 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum filled radius

Calculation factors

A	0,16	Minimum load factor
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Additional information

U214	Seat washer
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Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.



