

**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
T	40,9 mm	Height
C _a	119.000 N	Basic dynamic load rating, axial
C _{0a}	325.000 N	Basic static load rating, axial
C _{ua}	13.300 N	Fatigue load limit, axial
n _G	2.700 1/min	Limiting speed
n _{gr}	3.600 1/min	Reference speed
	2,228 kg	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	103 mm	Inner diameter housing washer
d ₁	150 mm	Outer diameter shaft washer
R	112 mm	Radius spherical housing washer
A	52 mm	Distance of the center point
T ₁	45 mm	Height with seat washer

Mounting dimensions

d _{a min}	130 mm	Minimum diameter shaft shoulder
D _{a max}	125 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum filled radius

Calculation factors

A	0,68	Minimum load factor
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Additional information

U220	Seat washer
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Temperature range

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



