

**FAG****53218**

Axial deep groove ball bearing

Schaeffler ID:
0167158610000

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

Technical information

Main Dimensions & Performance Data

d	90 mm	Inner diameter shaft washer
D	135 mm	Outer diameter housing washer
T	38,5 mm	Height
C _a	119.000 N	Basic dynamic load rating, axial
C _{0a}	300.000 N	Basic static load rating, axial
C _{ua}	13.000 N	Fatigue load limit, axial
n _G	2.900 1/min	Limiting speed
n _{gr}	3.750 1/min	Reference speed
	1,69 kg	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	93 mm	Inner diameter housing washer
d ₁	135 mm	Outer diameter shaft washer
R	100 mm	Radius spherical housing washer
A	45 mm	Distance of the center point
T ₁	42 mm	Height with seat washer

Mounting dimensions

d _{a min}	117 mm	Minimum diameter shaft shoulder
D _{a max}	110 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum filled radius

Calculation factors

A	0,54	Minimum load factor
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Additional information

U218	Seat washer
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Temperature range

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



