

**FAG****53236-MP**

Axial deep groove ball bearing

Axial deep groove ball bearing 532...-MP, single direction, with spherical housing washer, solid brass cage

Technical information



Your current product variant

Cage	MP	Solid brass cage, rolling element guided
Tolerance class	PN	Tolerance class PN, acc. to DIN 620
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°

Main Dimensions & Performance Data

d	180 mm	Inner diameter shaft washer
D	250 mm	Outer diameter housing washer
T	58,2 mm	Height
C _a	305.000 N	Basic dynamic load rating, axial
C _{0a}	1.030.000 N	Basic static load rating, axial
C _{ua}	32.500 N	Fatigue load limit, axial
n _G	1.670 1/min	Limiting speed
n _{gr}	2.080 1/min	Reference speed
≈m	8,19 kg	Weight

Mounting dimensions

d _{a min}	222 mm	Minimum diameter shaft shoulder
D _{a max}	210 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum filled radius



Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
D_1	183 mm	Inner diameter housing washer
d_1	245 mm	Outer diameter shaft washer
R	200 mm	Radius spherical housing washer
A	112 mm	Distance of the center point
T_1	66 mm	Height with seat washer
D_2	210 mm	Bore diameter seat washer
D_3	260 mm	Outside diameter seat washer
C	21,5 mm	Height seat washer

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	200 °C	Operating temperature max.

Calculation factors

A	5,4	Minimum load factor
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Additional information

U236	Seat washer
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Characteristics

F_a	Axial load in one direction
	Grease Lubrication
	Oil Lubrication
	Not sealed
	Static angular error and misalignment