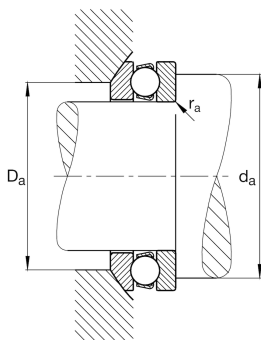


**FAG****53236-MP**

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	Normal (ISO 492:2023)
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
$\approx m$	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

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