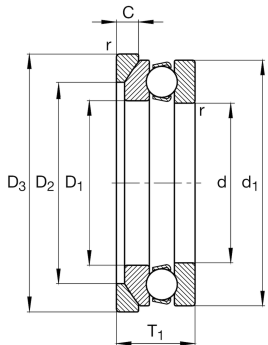


**FAG****53230-MP**

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	S0	Rings dimensional stabilized up to 150°

Main Dimensions & Performance Data

d	150 mm	Inner diameter shaft washer
D	215 mm	Outer diameter housing washer
T	53,3 mm	Height
C _a	236.000 N	Basic dynamic load rating, axial
C _{0a}	730.000 N	Basic static load rating, axial
C _{ua}	24.900 N	Fatigue load limit, axial
n _G	1.950 1/min	Limiting speed
n _{gr}	2.500 1/min	Reference speed
≈m	5,827 kg	Weight

Mounting dimensions

d _{a min}	189 mm	Minimum diameter shaft shoulder
D _{a max}	180 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	153 mm	Inner diameter housing washer
d_1	212 mm	Outer diameter shaft washer
R	160 mm	Radius spherical housing washer
A	79 mm	Distance of the center point
T_1	60 mm	Height with seat washer
D_2	180 mm	Bore diameter seat washer
D_3	225 mm	Outside diameter seat washer
C	20,5 mm	Height seat washer

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.

Calculation factors

A	2,9	Minimum load factor
---	-----	---------------------

Additional information

U230	Seat washer
------	-------------

Characteristics

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