

**FAG****53232-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 &amp; Performance Data

d	160 mm	Inner diameter shaft washer
D	225 mm	Outer diameter housing washer
T	54,7 mm	Height
$C_a$	240.000 N	Basic dynamic load rating, axial
$C_{0a}$	770.000 N	Basic static load rating, axial
$C_{ua}$	25.500 N	Fatigue load limit, axial
$n_G$	1.900 1/min	Limiting speed
$n_{gr}$	2.350 1/min	Reference speed
$\approx m$	6,315 kg	Weight

## Mounting dimensions

$d_{a \min}$	199 mm	Minimum diameter shaft shoulder
$D_{a \max}$	190 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum filled radius



## Dimensions

$r_{\min}$	1,5 mm	Minimum chamfer dimension
$D_1$	163 mm	Inner diameter housing washer
$d_1$	222 mm	Outer diameter shaft washer
R	160 mm	Radius spherical housing washer
A	74 mm	Distance of the center point
$T_1$	61 mm	Height with seat washer
$D_2$	190 mm	Bore diameter seat washer
$D_3$	235 mm	Outside diameter seat washer
C	21 mm	Height seat washer

## Temperature range

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

## Calculation factors

A	3,2	Minimum load factor
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## Additional information

U232	Seat washer
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## Characteristics

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