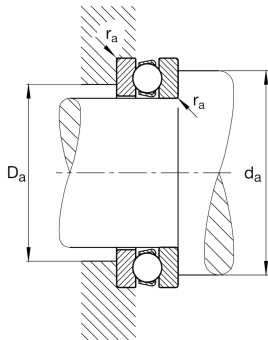


**FAG****51322-MP**

Axial deep groove ball bearing

Axial deep groove ball bearing 513...MP,
single direction, 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	110 mm	Inner diameter shaft washer
D	190 mm	Outer diameter housing washer
T	63 mm	Height
C _a	280.000 N	Basic dynamic load rating, axial
C _{0a}	740.000 N	Basic static load rating, axial
C _{ua}	28.000 N	Fatigue load limit, axial
n _G	1.790 1/min	Limiting speed
n _{gr}	3.400 1/min	Reference speed
m	7,817 kg	Weight

Mounting dimensions

d _{a min}	158 mm	Minimum diameter shaft shoulder
D _{a max}	142 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum filled radius



Dimensions

r_{min}	2 mm	Minimum chamfer dimension
D_1	113 mm	Inner diameter housing washer
d_1	187 mm	Outer diameter shaft washer


Temperature range

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

Calculation factors

A	3	Minimum load factor
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Characteristics

-  Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed