

**FAG****52330-MP**

Axial deep groove ball bearing

Axial deep groove ball bearing 523...MP,
double 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	S1	Rings dimensional stabilized up to 200°

Main Dimensions & Performance Data

d	130 mm	Inner diameter shaft washer
D	250 mm	Outer diameter housing washer
T ₂	140 mm	Height
C _a	395.000 N	Basic dynamic load rating, axial
C _{0a}	1.330.000 N	Basic static load rating, axial
C _{ua}	43.000 N	Fatigue load limit, axial
n _G	1.340 1/min	Limiting speed
n _{gr}	2.360 1/min	Reference speed
m	29,314 kg	Weight

Mounting dimensions

d _{a max}	150 mm	Maximum diameter shaft shoulder
D _{a max}	190 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum filled radius
r _{a1 max}	1 mm	Maximum filled radius



Dimensions

D ₁	154 mm	Inner diameter housing washer
B	31 mm	Height shaft washer
r _{min}	2,1 mm	Minimum chamfer dimension
r _{1 min}	1,1 mm	Minimum chamfer dimension

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Calculation factors

A	9,3	Minimum load factor
---	-----	---------------------

Characteristics

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