



FAG

51122 [↗](#)

Axial deep groove ball bearing

Axial deep groove ball bearing 511, single direction, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Cage	JP	Steel sheet metal
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	145 mm	Outer diameter housing washer
T	25 mm	Height
C _a	87.000 N	Basic dynamic load rating, axial
C _{0a}	290.000 N	Basic static load rating, axial
C _{ua}	11.600 N	Fatigue load limit, axial
n _G	3.350 1/min	Limiting speed
n _{gr}	2.800 1/min	Reference speed
m	1,06 kg	Masa

Mounting dimensions

d _{a min}	131 mm	Minimum diameter shaft shoulder
D _{a max}	124 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum filled radius



Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	112 mm	Inner diameter housing washer
d ₁	145 mm	Outer diameter shaft washer

Temperature range

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

Calculation factors

A	0,42	Minimum load factor
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Właściwości

	Obciążenie osiowe jednokierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia