



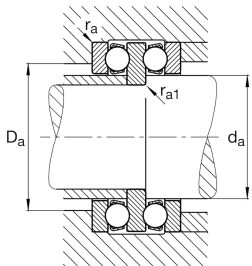
FAG

52311 [🔗](#)

Axial deep groove ball bearing

Axial deep groove ball bearing 523, double 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	45 mm	Inner diameter shaft washer
D	105 mm	Outer diameter housing washer
T 2	64 mm	Height
C a	108.600 N	Basic dynamic load rating, axial
C 0a	225.400 N	Basic static load rating, axial
C ua	10.245 N	Fatigue load limit, axial
n G	2.200 1/min	Limiting speed
n gr	5.700 1/min	Reference speed
≈m	2,312 kg	Masa

Mounting dimensions

d a max	55 mm	Maximum diameter shaft shoulder
D a max	75 mm	Maximum diameter of housing shoulder
r a max	1 mm	Maximum filled radius
r a1 max	0,6 mm	Maximum filled radius



Dimensions

D 1	57 mm	Inner diameter housing washer
B	15 mm	Height shaft washer
r min	1,1 mm	Minimum chamfer dimension
r 1 min	0,6 mm	Minimum chamfer dimension

Temperature range

T min	-30 °C	Operating temperature min.
T max	150 °C	Operating temperature max.

Calculation factors

A	0,26	Minimum load factor
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Właściwości

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Obciążenie osiowe jednokierunkowe
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Obciążenie osiowe dwukierunkowe
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Smarowanie smarem
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Smarowanie olejem
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Bez uszczelnienia