



FAG



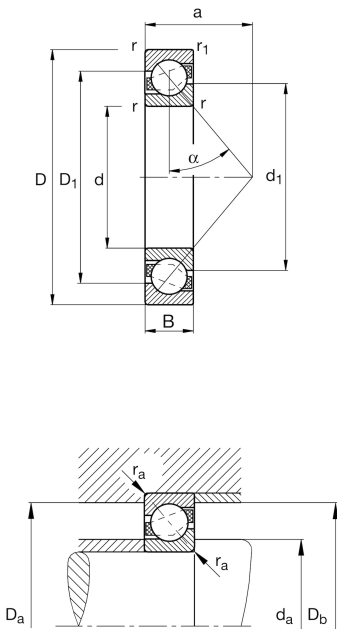
X-life

7311-B-XL-JP-UA

Angular contact ball bearing

Angular contact ball bearing 73..-B-XL-JP,
single row, X-life, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	B
Sealing	Without	Not sealed
Cage	JP	Steel sheet metal
Tolerance class	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Bearing with matched conditions for fitting in pairs	UA	Bearing set with small axial internal clearance
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	120 mm	Outside diameter
B	29 mm	Width
C _r	91.000 N	Basic dynamic load rating, radial
C _{0r}	61.000 N	Basic static load rating, radial
C _{ur}	4.250 N	Fatigue load limit, radial
n _G	7.700 1/min	Limiting speed
n _{gr}	5.600 1/min	Reference speed
≈m	1,41 kg	Masa



Mounting dimensions

d a min	66 mm	Minimum diameter of shaft shoulder
D a max	109 mm	Maximum diameter of housing shoulder
D b max	114,4 mm	Maximum diameter of housing shoulder
r a max	2 mm	Maximum fillet radius of shaft
r a1 max	1 mm	Maximum fillet radius of housing

Dimensions

r min	2 mm	Minimum chamfer dimension
r 1 min	1 mm	Minimum chamfer dimension
D 1	95,3 mm	Shoulder diameter on outer ring wide side face
d 1	80,3 mm	Shoulder diameter on inner ring wide side face
a	51,2 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Temperature range

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

Additional information

Tol (+)	12 μm	Tolerance for axial clearance or preload per set
A min	46 mm	Axial clearance per set min.

Właściwości

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Obciążenie promieniowe
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Obciążenie osiowe jednokierunkowe
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Smarowanie smarem
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Smarowanie olejem
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Bez uszczelnienia