



FAG



7319-B-XL-JP

Angular contact ball bearing

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

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	B
Sealing	Without	Not sealed
Cage	JP	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	95 mm	Bore diameter
D	200 mm	Outside diameter
B	45 mm	Width
C _r	189.000 N	Basic dynamic load rating, radial
C _{0r}	167.000 N	Basic static load rating, radial
C _{ur}	9.600 N	Fatigue load limit, radial
n _G	4.400 1/min	Limiting speed
n _{gr}	3.800 1/min	Reference speed

≈m	6,094 kg	Masa
----	----------	------



Mounting dimensions

d a min	109 mm	Minimum diameter of shaft shoulder
D a max	186 mm	Maximum diameter of housing shoulder
D b max	193 mm	Maximum diameter of housing shoulder
r a max	2,5 mm	Maximum fillet radius of shaft
r a1 max	1 mm	Maximum fillet radius of housing

Dimensions

r min	3 mm	Minimum chamfer dimension
r 1 min	1,1 mm	Minimum chamfer dimension
D 1	159,54 mm	Shoulder diameter on outer ring wide side face
d 1	137,14 mm	Shoulder diameter on inner ring wide side face
a	84,4 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.

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia