



FAG

7320-B-XL-JP-UL

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°
Bearing with matched conditions for fitting in pairs	UL	Bearing set with light preload
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	215 mm	Outside diameter
B	47 mm	Width
C _r	214.000 N	Basic dynamic load rating, radial
C _{0r}	197.000 N	Basic static load rating, radial
C _{ur}	10.900 N	Fatigue load limit, radial
n _G	4.050 1/min	Limiting speed
n _{gr}	3.550 1/min	Reference speed
m	7,476 kg	Masa



Mounting dimensions

d a min	114 mm	Minimum diameter of shaft shoulder
D a max	201 mm	Maximum diameter of housing shoulder
D b max	208 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	171,72 mm	Shoulder diameter on outer ring wide side face
d 1	146,26 mm	Shoulder diameter on inner ring wide side face
a	89,6 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

V max	-14 μm	Preload per set max.
Tol (+)	12 μm	Tolerance for axial clearance or preload per set
F V max	1.485 N	Preload force



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia