

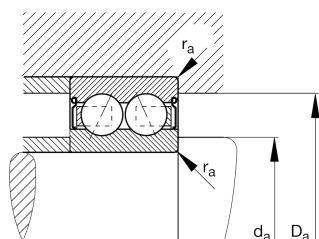
**FAG****3212-BD-XL-2HRS**

Angular contact ball bearing

Angular contact ball bearing 32..-BD-XL-2HRS, double row, X-life, seals, steel sheet metal cage

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	Bearing without filling slot
Changed internal design	D	D
Sealing	2HRS	Contact seal on both sides
Cage	JH	Steel sheet metal
Tolerance class	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	GA13	Ball bearing and insert bearing grease
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	36,5 mm	Width
C _r	75.000 N	Basic dynamic load rating, radial
C _{0r}	64.000 N	Basic static load rating, radial
C _{ur}	4.400 N	Fatigue load limit, radial
n _G	4.750 1/min	Limiting speed
≈m	1,31 kg	Masa



Mounting dimensions

d _{a min}	69 mm	Minimum diameter shaft shoulder
D _{a max}	101 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum fillet radius

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
D ₁	97,02 mm	Shoulder diameter outer ring
D ₂	100,51 mm	Caliber diameter outer ring
d ₁	78,99 mm	Shoulder diameter inner ring
d ₂	76,58 mm	Caliber diamter inner ring
a	64,7 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie dożywotnie, bezobsługowe
	Smarowanie smarem
	Uszczelnienie dwustronne