



FAG



X-life

3308-BD-XL-2Z-C3

Angular contact ball bearing

Angular contact ball bearing 33...BD-XL-2Z, double row, X-life, shields, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Design variant	B	Bearing without filling slot
Changed internal design	D	D
Type of Seal	2Z	Non-contact shield on both sides
Cage	JH	Steel sheet metal
Tolerance class	P6	Class 6 (ISO 492:2023)
Dimensional / heat stabilization	SN	Rings dimensional stabilized up to 120°
Lubricant	GA13	Ball bearing and insert bearing grease
Axial internal clearance	C3	Group 3 (C3), bigger than CN

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	36,5 mm	Width
C _r	67.000 N	Basic dynamic load rating, radial
C _{0r}	48.500 N	Basic static load rating, radial
C _{ur}	3.350 N	Fatigue load limit, radial
n _G	6.000 1/min	Limiting speed
n _{gr}	7.000 1/min	Reference speed
≈m	1,01 kg	Masa



Mounting dimensions

d a min	49 mm	Minimum diameter shaft shoulder
D a max	81 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	77,02 mm	Shoulder diameter outer ring
D 2	79,92 mm	Caliber diameter outer ring
d 1	58,99 mm	Shoulder diameter inner ring
d 2	56,82 mm	Caliber diamter inner ring
a	53,1 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle

Temperature range

T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

Właściwości

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