



FAG

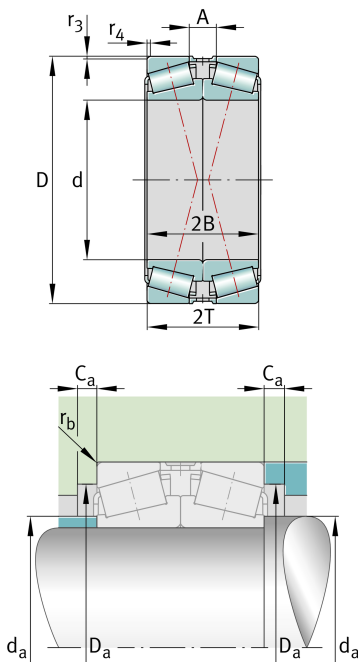
32216-XL-DF-A180-220

Tapered roller bearing set

Tapered roller bearing set 322...-DF, X-arrangement

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Tolerance class	PN	Normal (ISO 492:2023)
Heat treatment	Standard	
Cage	Standard	Sheet steel cage, window cage, roller-guided
Axial internal clearance	A180-220	Axial internal clearance between 180 and 220 µm
Quality level	XL	X-life
Matched arrangement	F	X arrangement
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	140 mm	Outside diameter
2B	66 mm	Inner ring total width
2T	70,5 mm	Outer ring total width
C _r	420.000 N	Basic dynamic load rating, radial
C _{0r}	530.000 N	Basic static load rating, radial
C _{ur}	83.000 N	Fatigue load limit, radial
n _G	6.100 1/min	Limiting speed
n _{gr}	3.050 1/min	Thermal speed rating
≈m	4,42 kg	Masa



Mounting dimensions

d a max	90 mm	Maximum diameter of shaft shoulder
D a min	122 mm	Minimum diameter of housing shoulder
D a max	130 mm	Maximum diameter of housing shoulder
C a min	5 mm	Minimum axial space
r b max	2 mm	Maximum fillet radius of housing

Dimensions

r 3, 4 min	2 mm	Minimum chamfer dimension of outer ring back face
A	14,5 mm	Width of spacer

Temperature range

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

Calculation factors

e	0,42	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y 1	1,61	Dynamic axial load factor
Y 2	2,39	Dynamic axial load factor
Y 0	1,57	Static axial load factor

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia