

FAG

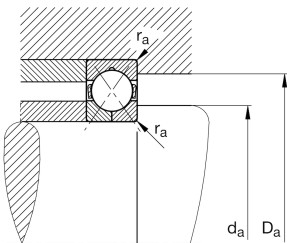
QJ211-XL-TVP-C3

Four-point contact bearing

Four point contact bearing QJ2...-XL-TVP, X-life, plastic cage

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Tolerance class	PN	Normal (ISO 492:2023)
Cage	TVP	Solid cage made of glass-fiber reinforced polyamid PA66
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Axial internal clearance	C3	Group 3 (C3), bigger than CN

Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	100 mm	Outside diameter
B	21 mm	Width
C _r	81.000 N	Basic dynamic load rating, radial
C _{0r}	76.000 N	Basic static load rating, radial
C _{ur}	5.300 N	Fatigue load limit, radial
n _G	9.100 1/min	Limiting speed
n _{gr}	5.800 1/min	Reference speed

Mounting dimensions

d _{a min}	64 mm	Minimum diameter shaft shoulder
D _{a max}	91 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	84,65 mm	Shoulder diameter outer ring
d ₁	70,35 mm	Shoulder diameter inner ring
a	54,3 mm	Distance between the apexes of the pressure cones
α	35 °	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
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia