



FAG

QJ214-XL-MPA-C3

Four-point contact bearing

Four point contact bearing QJ2...-XL-MPA, X-life, solid brass cage

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Tolerance class	PN	Normal (ISO 492:2023)
Cage	MPA	Solid brass cage, outer ring guided
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	70 mm	Bore diameter
D	125 mm	Outside diameter
B	24 mm	Width
C _r	118.000 N	Basic dynamic load rating, radial
C _{0r}	114.000 N	Basic static load rating, radial
C _{ur}	8.700 N	Fatigue load limit, radial
n _G	10.700 1/min	Limiting speed
n _{gr}	4.700 1/min	Reference speed
m	1,31 kg	Masa

Mounting dimensions

d _{a min}	79 mm	Minimum diameter shaft shoulder
D _{a max}	116 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	106,25 mm	Shoulder diameter outer ring
d ₁	89,1 mm	Shoulder diameter inner ring
a	68,3 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Właściwości

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