



FAG

NJ2210-E-XL-M1-C3

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-XL-M1, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

X-life

Informacje techniczne

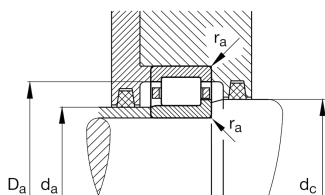


Twoja aktualna wersja produktu

Design	E	Increased Capacity Design
Cage	M1	Two Piece Brass Cage Roller Guided
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
C _r	92.000 N	Basic dynamic load rating, radial
C _{0r}	88.000 N	Basic static load rating, radial
C _{ur}	15.300 N	Fatigue load limit, radial
n _G	14.500 1/min	Limiting speed
n _{gr}	5.300 1/min	Reference speed
≈m	0,652 kg	Masa



Mounting dimensions

$d_{a \min}$	57 mm	Minimum diameter shaft shoulder
$d_{a \max}$	58 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	83 mm	Maximum diameter of housing shoulder
$d_{c \min}$	67 mm	Minimum shaft shoulder
$r_{a \max}$	1 mm	Maximum recess radius

Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
$r_1 \min$	1,1 mm	Minimum chamfer dimension
s	1,3 mm	Axial displacement
E	81,5 mm	Raceway diameter outer ring
F	59,5 mm	Raceway diameter inner ring
$D_1 \min$	78,32 mm	Minimum rib diameter outer ring
d_1	63,95 mm	Maximum rib diameter inner ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.

Additional information

HJ210-E

L-washer

Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia