



FAG

NJ304-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

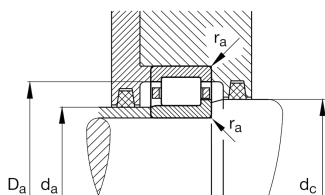


Twoja aktualna wersja produktu

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	20 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C _r	37.500 N	Basic dynamic load rating, radial
C _{0r}	27.000 N	Basic static load rating, radial
C _{ur}	3.950 N	Fatigue load limit, radial
n _G	25.500 1/min	Limiting speed
n _{gr}	11.900 1/min	Reference speed
≈m	0,17 kg	Masa



Mounting dimensions

$d_a \text{ min}$	24 mm	Minimum diameter shaft shoulder
$d_a \text{ max}$	27 mm	Maximum diameter of shaft shoulder
$D_a \text{ max}$	45 mm	Maximum diameter of housing shoulder
$d_c \text{ min}$	33 mm	Minimum shaft shoulder

$r_a \text{ max}$ 1 mm Maximum recess radius

Dimensions

r_{min}	1,1 mm	Minimum chamfer dimension
$r_1 \text{ min}$	0,6 mm	Minimum chamfer dimension
s	1 mm	Axial displacement
E	45,5 mm	Raceway diameter outer ring
F	27,5 mm	Raceway diameter inner ring
$D_1 \text{ min}$	42,35 mm	Minimum rib diameter outer ring
d_1	31,25 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ304-E

L-washer

Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia