



FAG

NJ2319-E-XL-MPAX-C4

Cylindrical roller bearing

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

X-life

Technical information



Your current product variant

Design	E	Increased Capacity Design
Cage	MPAX	One Piece Brass Cage Lip Guided
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	95 mm	Bore diameter
D	200 mm	Outside diameter
B	67 mm	Width
C _r	540.000 N	Basic dynamic load rating, radial
C _{0r}	580.000 N	Basic static load rating, radial
C _{ur}	99.000 N	Fatigue load limit, radial
n _G	5.300 1/min	Limiting speed
n _{gr}	2.800 1/min	Reference speed
m	10,285 kg	Weight

Mounting dimensions

r _{a max}	3 mm	Maximum recess radius
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Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
$r_{1\min}$	3 mm	Minimum chamfer dimension
s	5,6 mm	Axial displacement
E	177,5 mm	Raceway diameter outer ring
F	121,5 mm	Raceway diameter inner ring
$D_{1\min}$	169,62 mm	Minimum rib diameter outer ring
d_1	132 mm	Maximum rib diameter inner ring

Temperature range

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

Characteristics

	Radial load
	Axial load in one direction
	Grease Lubrication
	Oil Lubrication
	Not sealed