



FAG

NJ2328-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	140 mm	Bore diameter
D	300 mm	Outside diameter
B	102 mm	Width
C _r	1.210.000 N	Basic dynamic load rating, radial
C _{0r}	1.390.000 N	Basic static load rating, radial
C _{ur}	221.000 N	Fatigue load limit, radial
n _G	3.950 1/min	Limiting speed
n _{gr}	1.620 1/min	Reference speed
m	35,9 kg	Weight



Mounting dimensions

$d_{a \min}$	157 mm	Minimum diameter shaft shoulder
$d_{a \max}$	176 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	283 mm	Maximum diameter of housing shoulder
$d_{c \min}$	198 mm	Minimum shaft shoulder
$r_{a \max}$	4 mm	Maximum recess radius

Dimensions

r_{\min}	4 mm	Minimum chamfer dimension
$r_{1 \min}$	4 mm	Minimum chamfer dimension
s	9,2 mm	Axial displacement
E	264 mm	Raceway diameter outer ring
F	180 mm	Raceway diameter inner ring
$D_{1 \min}$	251,7 mm	Minimum rib diameter outer ring
d_1	195,4 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