



FAG

NJ2313-E-XL-MPAX-C5

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	C5 (Group 5)	Internal clearance larger than C4
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	140 mm	Outside diameter
B	48 mm	Width
C _r	295.000 N	Basic dynamic load rating, radial
C _{0r}	285.000 N	Basic static load rating, radial
C _{ur}	54.000 N	Fatigue load limit, radial
n _G	8.800 1/min	Limiting speed
n _{gr}	4.000 1/min	Reference speed
m	3,7 kg	Weight



Mounting dimensions

$d_{a \min}$	77 mm	Minimum diameter shaft shoulder
$d_{a \max}$	81 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	128 mm	Maximum diameter of housing shoulder
$d_{c \min}$	93 mm	Minimum shaft shoulder
$r_{a \max}$	2 mm	Maximum recess radius

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
$r_1 \min$	2,1 mm	Minimum chamfer dimension
s	4 mm	Axial displacement
E	124,5 mm	Raceway diameter outer ring
F	82,5 mm	Raceway diameter inner ring
$D_1 \min$	118,56 mm	Minimum rib diameter outer ring
d_1	90,5 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ2313-E

L-washer

Characteristics

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