



FAG

NJ2232-E-XL-MPAX-J30PC-C3 [↗](#)

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	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	160 mm	Bore diameter
D	290 mm	Outside diameter
B	80 mm	Width
C _r	940.000 N	Basic dynamic load rating, radial
C _{0r}	1.170.000 N	Basic static load rating, radial
C _{ur}	184.000 N	Fatigue load limit, radial
n _G	3.050 1/min	Limiting speed
n _{gr}	1.680 1/min	Reference speed
m	23,8 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	7,2 mm	Axial displacement
E	261 mm	Raceway diameter outer ring
F	193 mm	Raceway diameter inner ring
$D_{1 min}$	251,1 mm	Minimum rib diameter outer ring
d_1	205,5 mm	Maximum rib diameter inner ring

Temperature range

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

Characteristics

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