



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 (PN)
Number of rolling element 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

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