



FAG

**NJ2232-E-XL-M1A-C3** [↗](#)

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-XL-M1A, 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	M1A	Two 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 &amp; 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
$C_{ur}$	187.000 N	Fatigue load limit, radial
$n_G$	4.150 1/min	Limiting speed
$n_{gr}$	1.660 1/min	Reference speed
$m$	24,5 kg	Weight



### Mounting dimensions

$d_{a \min}$	174 mm	Minimum diameter shaft shoulder
$d_{a \max}$	192 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	276 mm	Maximum diameter of housing shoulder
$d_{c \min}$	210 mm	Minimum shaft shoulder
$r_{a \max}$	2,5 mm	Maximum recess radius

### 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
$D_1 \min$	247,4 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.

### Additional information

HJ2232-E

L-washer

### Characteristics

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