



FAG

**NJ2322-E-XL-TVP2**

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-XL-TVP2,  
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	TVP2	Solid Window Cage made from PA66
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (PN)
Number of rolling element rows	1	Single-row design

## Main Dimensions &amp; Performance Data

d	110 mm	Bore diameter
D	240 mm	Outside diameter
B	80 mm	Width
$C_r$	750.000 N	Basic dynamic load rating, radial
$C_{0r}$	800.000 N	Basic static load rating, radial
$C_{ur}$	138.000 N	Fatigue load limit, radial
$n_G$	3.850 1/min	Limiting speed
$n_{gr}$	2.290 1/min	Reference speed
$\approx m$	17,3 kg	Weight



### Mounting dimensions

$d_{a \text{ min}}$	124 mm	Minimum diameter shaft shoulder
$d_{a \text{ max}}$	140 mm	Maximum diameter of shaft shoulder
$D_{a \text{ max}}$	226 mm	Maximum diameter of housing shoulder
$d_{c \text{ min}}$	158 mm	Minimum shaft shoulder
$r_{a \text{ max}}$	2,5 mm	Maximum recess radius

### Dimensions

$r_{\text{min}}$	3 mm	Minimum chamfer dimension
$r_{1 \text{ min}}$	3 mm	Minimum chamfer dimension
s	5,8 mm	Axial displacement
E	211 mm	Raceway diameter outer ring
F	143 mm	Raceway diameter inner ring
$D_{1 \text{ min}}$	200,9 mm	Minimum rib diameter outer ring
$d_1$	155,6 mm	Maximum rib diameter inner ring

### Temperature range

$T_{\text{min}}$	-30 °C	Operating temperature min.
$T_{\text{max}}$	120 °C	Operating temperature max.

### Additional information

HJ2322-E

L-washer

### Characteristics

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