

**FAG****NJ206-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

## 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 (ISO 492:2023)
Number of rows	1	Single-row design

**Main Dimensions & Performance Data**

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	16 mm	Width
$C_r$	46,000 N	Basic dynamic load rating, radial
$C_{0r}$	37,500 N	Basic static load rating, radial
$C_{ur}$	5,500 N	Fatigue load limit, radial
$n_G$	16,300 1/min	Limiting speed
$n_{gr}$	9,600 1/min	Reference speed
$m$	0.204 kg	Weight



### Mounting dimensions

$d_{a \min}$	34 mm	Minimum diameter shaft shoulder
$d_{a \max}$	37 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	56 mm	Maximum diameter of housing shoulder
$d_{c \min}$	44 mm	Minimum shaft shoulder
$r_{a \max}$	1 mm	Maximum recess radius

### Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
$r_{1 \min}$	0.6 mm	Minimum chamfer dimension
s	1.5 mm	Axial displacement
E	55.5 mm	Raceway diameter outer ring
F	37.5 mm	Raceway diameter inner ring
$D_{1 \min}$	52.5 mm	Minimum rib diameter outer ring
$d_1$	41.1 mm	Maximum rib diameter inner ring

### Temperature range

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

### Additional information

HJ206-E

L-washer

### Characteristics

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