



FAG

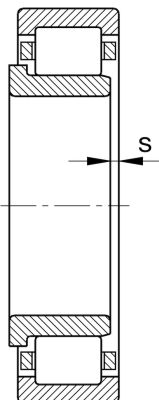
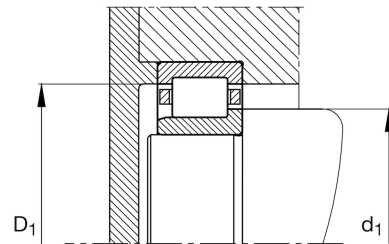
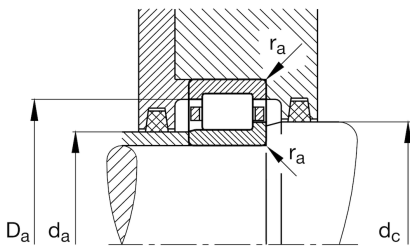
**NJ312-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:  
0167364000000Cylindrical 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

**Dimensions**

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$r_{1\min}$	2,1 mm	Minimum chamfer dimension
s	1,8 mm	Axial displacement
E	115 mm	Raceway diameter outer ring
F	77 mm	Raceway diameter inner ring
$D_{1\min}$	109,6 mm	Minimum rib diameter outer ring
$d_1$	84,4 mm	Maximum rib diameter inner ring
	1,84 kg	Weight

**Main Dimensions & Performance Data**

d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
$C_r$	177.000 N	Basic dynamic load rating, radial
$C_{0r}$	157.000 N	Basic static load rating, radial
$C_{ur}$	29.000 N	Fatigue load limit, radial
$n_G$	7.400 1/min	Limiting speed
$n_{gr}$	5.200 1/min	Reference speed

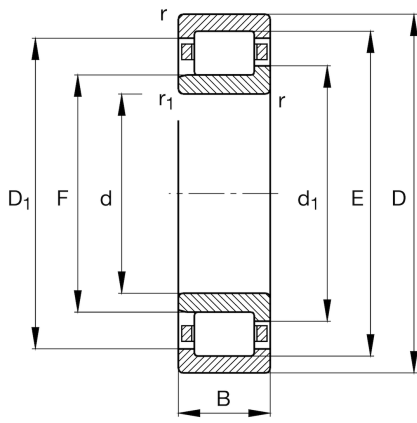
**Mounting dimensions**

$d_{a\min}$	72 mm	Minimum diameter shaft shoulder
$d_{a\max}$	75 mm	Maximum diameter of shaft shoulder
$D_{a\max}$	118 mm	Maximum diameter of housing shoulder
$d_{c\min}$	86 mm	Minimum shaft shoulder
$r_{a\max}$	2,1 mm	Maximum recess radius

**Additional information**

HJ312-E

L-washer

**Temperature range**

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