



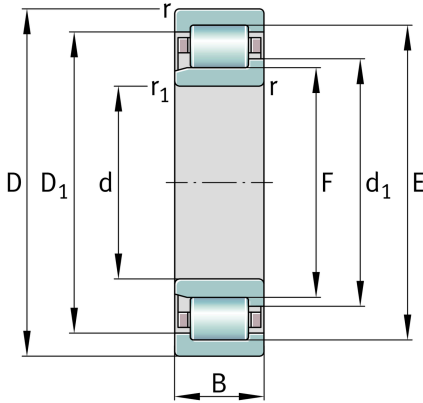
FAG

**NJ207-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:  
0167343350000Cylindrical 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

**Main Dimensions & Performance Data**

d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	17 mm	Width
$C_r$	59,000 N	Basic dynamic load rating, radial
$C_{0r}$	50,000 N	Basic static load rating, radial
$C_{ur}$	7,700 N	Fatigue load limit, radial
$n_G$	14,100 1/min	Limiting speed
$n_{gr}$	8,100 1/min	Reference speed
	0.295 kg	Weight

**Dimensions**

$r_{min}$	1.1 mm	Minimum chamfer dimension
$r_{1min}$	0.6 mm	Minimum chamfer dimension
s	0.7 mm	Axial displacement
E	64 mm	Raceway diameter outer ring
F	44 mm	Raceway diameter inner ring
$D_{1min}$	61 mm	Minimum rib diameter outer ring
$d_1$	48 mm	Maximum rib diameter inner ring

**Mounting dimensions**

$d_{amin}$	39 mm	Minimum diameter shaft shoulder
$d_{amax}$	43 mm	Maximum diameter of shaft shoulder
$D_{amax}$	65 mm	Maximum diameter of housing shoulder
$d_{cmin}$	50 mm	Minimum shaft shoulder
$r_{amax}$	1 mm	Maximum recess radius

**Additional information**

HJ207-E	L-washer
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**Temperature range**

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.