

FAG

**NJ308-E-XL-TVP2**

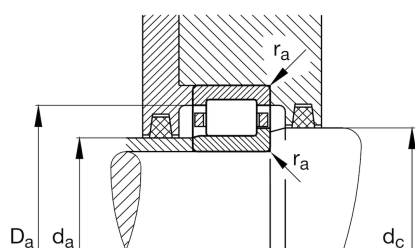
Cylindrical roller bearing

Schaeffler ID:  
0167361840000Cylindrical 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

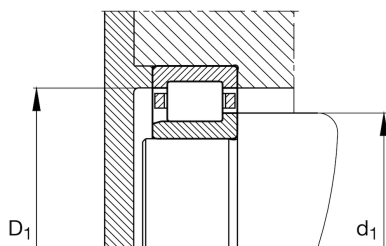
## Technical information

## Main Dimensions &amp; Performance Data



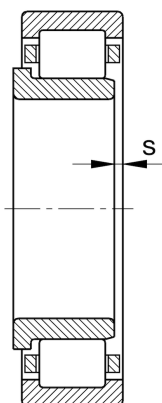
d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
$C_r$	96,000 N	Basic dynamic load rating, radial
$C_{0r}$	79,000 N	Basic static load rating, radial
$C_{ur}$	13,700 N	Fatigue load limit, radial
$n_G$	10,900 1/min	Limiting speed
$n_{gr}$	7,100 1/min	Reference speed
	0.654 kg	Weight

## Dimensions



$r_{min}$	1.5 mm	Minimum chamfer dimension
$r_{1 min}$	1.5 mm	Minimum chamfer dimension
s	1.3 mm	Axial displacement
E	80 mm	Raceway diameter outer ring
F	52 mm	Raceway diameter inner ring
$D_{1 min}$	75.9 mm	Minimum rib diameter outer ring
$d_1$	57.6 mm	Maximum rib diameter inner ring

## Mounting dimensions



$d_{a min}$	49 mm	Minimum diameter shaft shoulder
$d_{a max}$	51 mm	Maximum diameter of shaft shoulder
$D_{a max}$	81 mm	Maximum diameter of housing shoulder
$d_{c min}$	60 mm	Minimum shaft shoulder
$r_{a max}$	1.5 mm	Maximum recess radius

## Additional information

HJ308-E

L-washer

**Temperature range**

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