



FAG

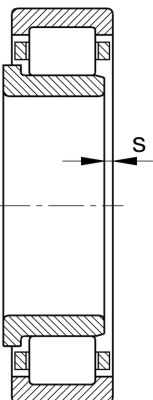
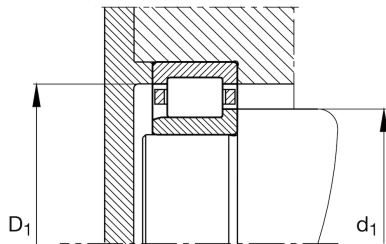
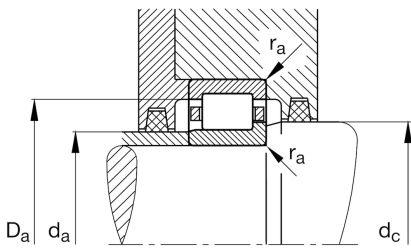
NJ308-E-XL-TVP2

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

**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
	0,654 kg	Weight

Main Dimensions & 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

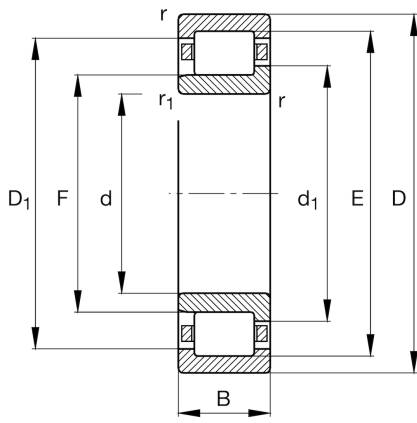
Mounting dimensions

$d_{a\min}$	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.