

FAG

NJ2309-E-XL-TVP2

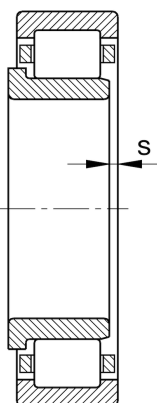
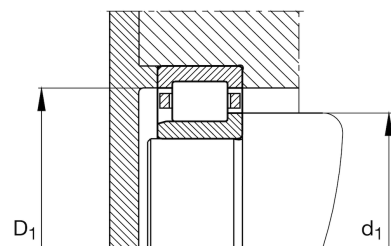
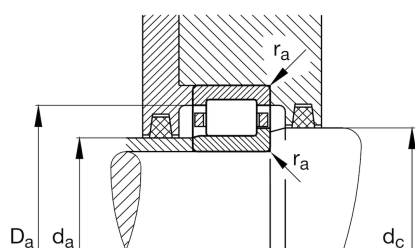
Cylindrical roller bearing

Schaeffler ID:
0167354390000Cylindrical 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	2,5 mm	Axial displacement
E	88,5 mm	Raceway diameter outer ring
F	58,5 mm	Raceway diameter inner ring
$D_{1\min}$	84,1 mm	Minimum rib diameter outer ring
d_1	64,4 mm	Maximum rib diameter inner ring
	1,31 kg	Weight

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	100 mm	Outside diameter
B	36 mm	Width
C_r	163.000 N	Basic dynamic load rating, radial
C_{0r}	154.000 N	Basic static load rating, radial
C_{ur}	28.500 N	Fatigue load limit, radial
n_G	9.800 1/min	Limiting speed
n_{gr}	5.200 1/min	Reference speed

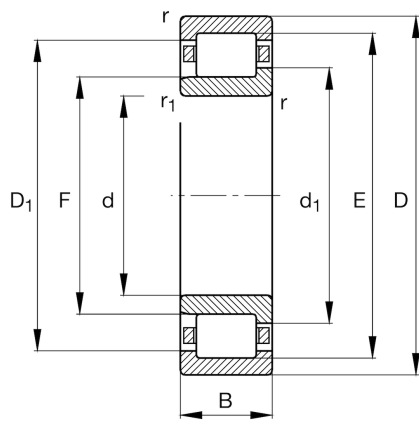
Mounting dimensions

$d_{a\min}$	54 mm	Minimum diameter shaft shoulder
$d_{a\max}$	57 mm	Maximum diameter of shaft shoulder
$D_{a\max}$	91 mm	Maximum diameter of housing shoulder
$d_{c\min}$	66 mm	Minimum shaft shoulder
$r_{a\max}$	1,5 mm	Maximum recess radius

Additional information

HJ2309-E

L-washer

**Temperature range**

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