



FAG

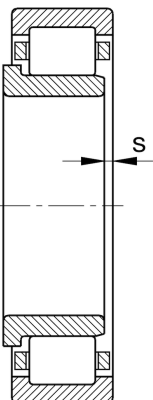
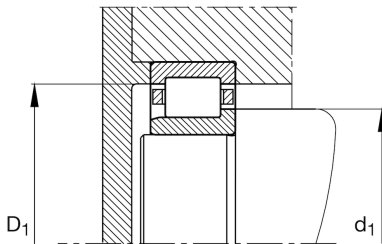
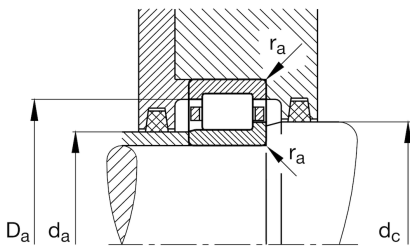
NJ303-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167359940000Cylindrical 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 mm	Minimum chamfer dimension
$r_{1\min}$	0,6 mm	Minimum chamfer dimension
s	1,2 mm	Axial displacement
E	40,2 mm	Raceway diameter outer ring
F	24,2 mm	Raceway diameter inner ring
$D_{1\min}$	37,1 mm	Minimum rib diameter outer ring
d_1	27,6 mm	Maximum rib diameter inner ring
	0,124 kg	Weight

Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	47 mm	Outside diameter
B	14 mm	Width
C_r	30.000 N	Basic dynamic load rating, radial
C_{0r}	21.200 N	Basic static load rating, radial
C_{ur}	3.400 N	Fatigue load limit, radial
n_G	22.500 1/min	Limiting speed
n_{gr}	13.500 1/min	Reference speed

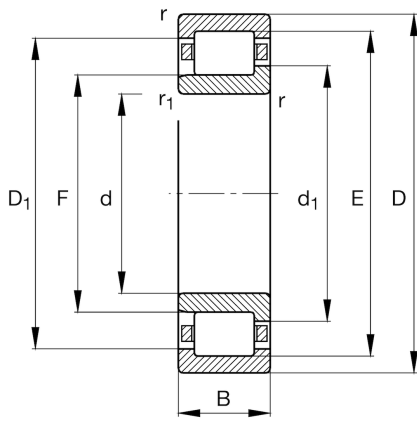
Mounting dimensions

$d_{a\min}$	21,2 mm	Minimum diameter shaft shoulder
$d_{a\max}$	23,5 mm	Maximum diameter of shaft shoulder
$D_{a\max}$	42,8 mm	Maximum diameter of housing shoulder
$d_{c\min}$	28 mm	Minimum shaft shoulder
$r_{a\max}$	1 mm	Maximum recess radius

Additional information

HJ303-E

L-washer

**Temperature range**

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