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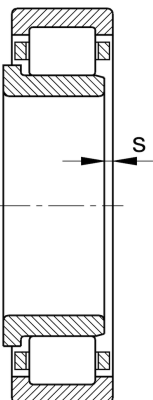
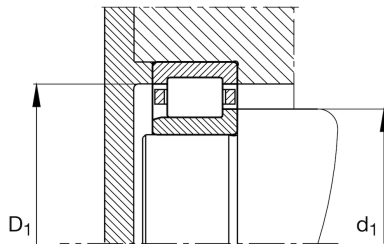
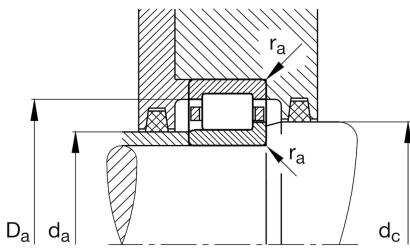
NJ303-E-XL-TVP2

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

**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
	0.124 kg	Weight

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

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
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**Temperature range**

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