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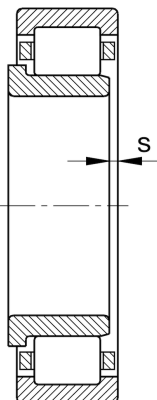
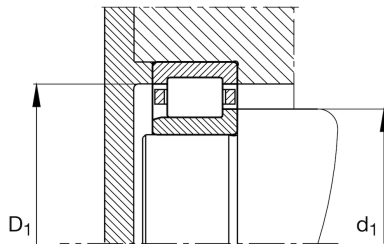
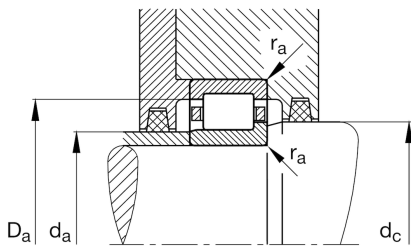
NJ2310-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167355010000Cylindrical 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	50 mm	Bore diameter
D	110 mm	Outside diameter
B	40 mm	Width
C _r	193,000 N	Basic dynamic load rating, radial
C _{0r}	187,000 N	Basic static load rating, radial
C _{ur}	35,500 N	Fatigue load limit, radial
n _G	8,900 1/min	Limiting speed
n _{gr}	4,900 1/min	Reference speed
	1.75 kg	Weight

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
r _{1 min}	2 mm	Minimum chamfer dimension
s	4.2 mm	Axial displacement
E	97 mm	Raceway diameter outer ring
F	65 mm	Raceway diameter inner ring
D _{1 min}	92.5 mm	Minimum rib diameter outer ring
d ₁	71.3 mm	Maximum rib diameter inner ring

Mounting dimensions

d _{a min}	61 mm	Minimum diameter shaft shoulder
d _{a max}	63 mm	Maximum diameter of shaft shoulder
D _{a max}	99 mm	Maximum diameter of housing shoulder
d _{c min}	73 mm	Minimum shaft shoulder
r _{a max}	2 mm	Maximum recess radius

Additional information

HJ2310-E

L-washer

**Temperature range**

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