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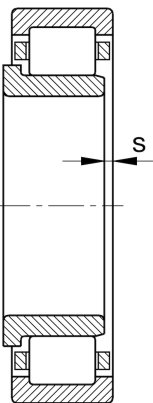
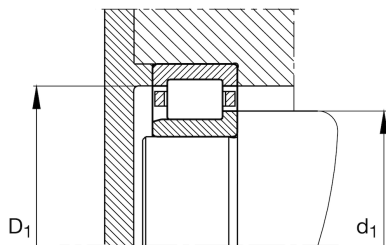
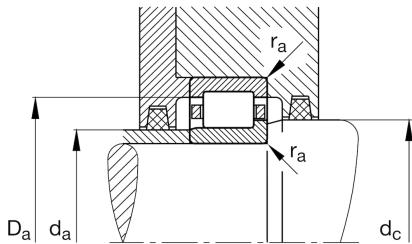
NJ316-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167365670000Cylindrical 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	80 mm	Bore diameter
D	170 mm	Outside diameter
B	39 mm	Width
C _r	300.000 N	Basic dynamic load rating, radial
C _{0r}	275.000 N	Basic static load rating, radial
C _{ur}	50.000 N	Fatigue load limit, radial
n _G	4.800 1/min	Limiting speed
n _{gr}	4.100 1/min	Reference speed
	3,97 kg	Weight

Dimensions

	HJ316-E	L-washer
r _{min}	2,1 mm	Minimum chamfer dimension
r _{1 min}	2,1 mm	Minimum chamfer dimension
s	0,7 mm	Axial displacement
E	151 mm	Raceway diameter outer ring
F	101 mm	Raceway diameter inner ring
D _{1 min}	143,9 mm	Minimum rib diameter outer ring
d ₁	110,4 mm	Maximum rib diameter inner ring

Mounting dimensions

d _{a min}	92 mm	Minimum diameter shaft shoulder
d _{a max}	99 mm	Maximum diameter of shaft shoulder
D _{a max}	158 mm	Maximum diameter of housing shoulder
d _{c min}	114 mm	Minimum shaft shoulder
r _{a max}	2,1 mm	Maximum recess radius

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

