

FAG

NJ2316-E-XL-TVP2

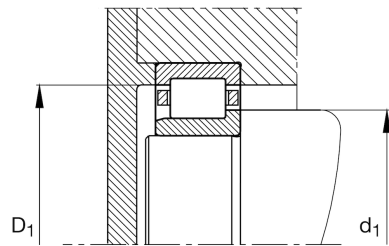
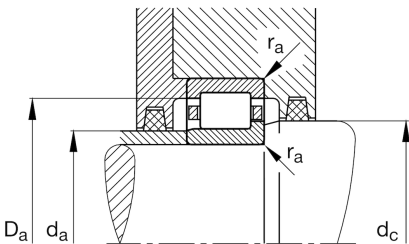
Cylindrical roller bearing

Schaeffler ID:
0192259030000

Cylindrical 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	58 mm	Width
C _r	420.000 N	Basic dynamic load rating, radial
C _{0r}	425.000 N	Basic static load rating, radial
C _{ur}	79.000 N	Fatigue load limit, radial
n _G	5.500 1/min	Limiting speed
n _{gr}	3.450 1/min	Reference speed
≈m	5,863 kg	Weight

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

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
r _{1 min}	2,1 mm	Minimum chamfer dimension
s	3,7 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

Temperature range

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

Additional information

HJ2316-E

L-washer

