

FAG

NJ310-E-XL-TVP2

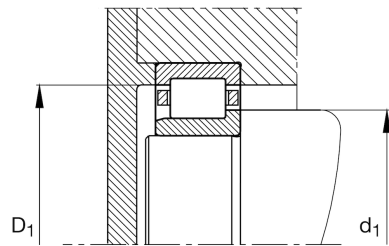
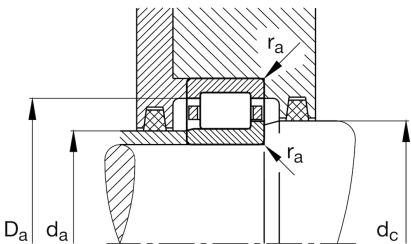
Cylindrical roller bearing

Schaeffler ID:
0167363030000

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	50 mm	Bore diameter
D	110 mm	Outside diameter
B	27 mm	Width
C _r	131.000 N	Basic dynamic load rating, radial
C _{0r}	114.000 N	Basic static load rating, radial
C _{ur}	20.400 N	Fatigue load limit, radial
n _G	8.900 1/min	Limiting speed
n _{gr}	6.000 1/min	Reference speed
≈m	1,147 kg	Weight

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

Dimensions

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

Temperature range

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

Additional information

HJ310-E

L-washer

