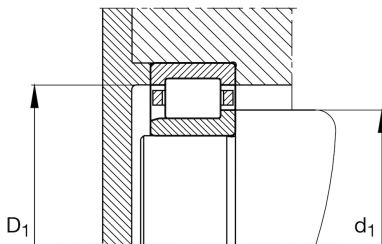
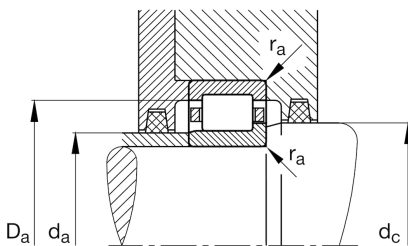
**FAG****NJ2309-E-XL-TVP2**

Cylindrical roller bearing

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	45 mm	Bore diameter
D	100 mm	Outside diameter
B	36 mm	Width
C _r	163,000 N	Basic dynamic load rating, radial
C _{0r}	154,000 N	Basic static load rating, radial
C _{ur}	28,500 N	Fatigue load limit, radial
n _G	9,800 1/min	Limiting speed
n _{gr}	5,200 1/min	Reference speed
≈m	1.31 kg	Weight

Mounting dimensions

d _{a min}	54 mm	Minimum diameter shaft shoulder
d _{a max}	57 mm	Maximum diameter of shaft shoulder
D _{a max}	91 mm	Maximum diameter of housing shoulder
d _{c min}	66 mm	Minimum shaft shoulder
r _{a max}	1.5 mm	Maximum recess radius

Dimensions

r _{min}	1.5 mm	Minimum chamfer dimension
r _{1 min}	1.5 mm	Minimum chamfer dimension
s	2.5 mm	Axial displacement
E	88.5 mm	Raceway diameter outer ring
F	58.5 mm	Raceway diameter inner ring
D _{1 min}	84.1 mm	Minimum rib diameter outer ring
d ₁	64.4 mm	Maximum rib diameter inner ring

Temperature range

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



Additional information

HJ2309-E

L-washer

