

FAG

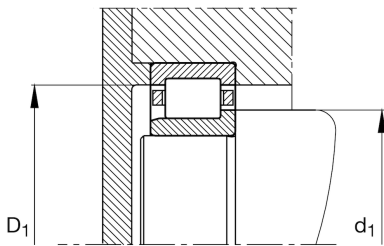
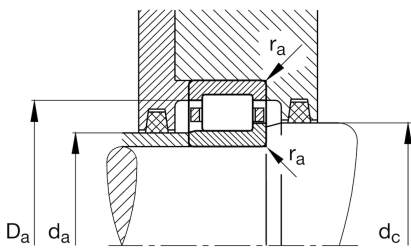
NJ308-E-XL-TVP2

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	40 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
C _r	96,000 N	Basic dynamic load rating, radial
C _{0r}	79,000 N	Basic static load rating, radial
C _{ur}	13,700 N	Fatigue load limit, radial
n _G	10,900 1/min	Limiting speed
n _{gr}	7,100 1/min	Reference speed
≈m	0.654 kg	Weight

Mounting dimensions

d _{a min}	49 mm	Minimum diameter shaft shoulder
d _{a max}	51 mm	Maximum diameter of shaft shoulder
D _{a max}	81 mm	Maximum diameter of housing shoulder
d _{c min}	60 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	1.3 mm	Axial displacement
E	80 mm	Raceway diameter outer ring
F	52 mm	Raceway diameter inner ring
D _{1 min}	75.9 mm	Minimum rib diameter outer ring
d ₁	57.6 mm	Maximum rib diameter inner ring

Temperature range

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

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.

Additional information

HJ308-E

L-washer

