

FAG

NJ305-E-XL-TVP2

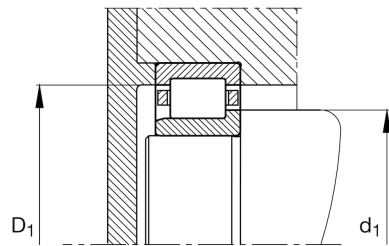
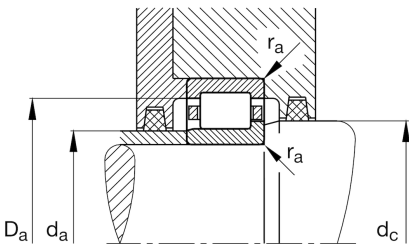
Cylindrical roller bearing

Schaeffler ID:
0167360280000

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	25 mm	Bore diameter
D	62 mm	Outside diameter
B	17 mm	Width
C _r	49.000 N	Basic dynamic load rating, radial
C _{0r}	37.500 N	Basic static load rating, radial
C _{ur}	5.700 N	Fatigue load limit, radial
n _G	14.400 1/min	Limiting speed
n _{gr}	10.100 1/min	Reference speed
≈m	0,241 kg	Weight

Mounting dimensions

d _{a min}	32 mm	Minimum diameter shaft shoulder
d _{a max}	33 mm	Maximum diameter of shaft shoulder
D _{a max}	55 mm	Maximum diameter of housing shoulder
d _{c min}	40 mm	Minimum shaft shoulder
r _{a max}	1 mm	Maximum recess radius

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
r _{1 min}	1,1 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement
E	54 mm	Raceway diameter outer ring
F	34 mm	Raceway diameter inner ring
D _{1 min}	50,7 mm	Minimum rib diameter outer ring
d ₁	38,1 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ305-E

L-washer

