

FAG

NJ304-E-XL-M1

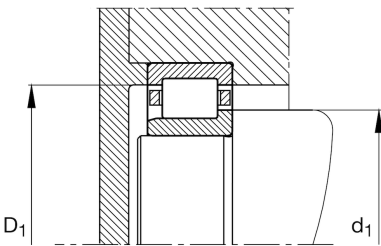
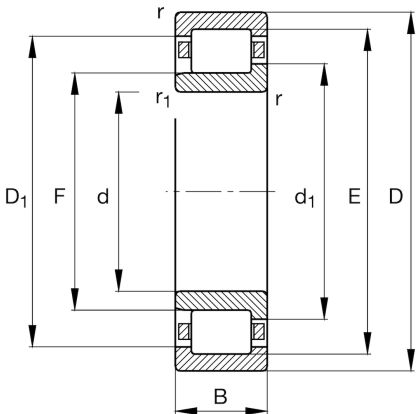
Cylindrical roller bearing

Schaeffler ID:
0192276470000

Cylindrical roller bearing NJ..-E-XL-M1, 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	20 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C _r	37.500 N	Basic dynamic load rating, radial
C _{0r}	27.000 N	Basic static load rating, radial
C _{ur}	3.950 N	Fatigue load limit, radial
n _G	25.500 1/min	Limiting speed
n _{gr}	11.900 1/min	Reference speed
	0,17 kg	Weight

Mounting dimensions

d _{a min}	24 mm	Minimum diameter shaft shoulder
d _{a max}	27 mm	Maximum diameter of shaft shoulder
D _{a max}	45 mm	Maximum diameter of housing shoulder
d _{c min}	33 mm	Minimum shaft shoulder
r _{a max}	1 mm	Maximum recess radius

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
r _{1 min}	0,6 mm	Minimum chamfer dimension
s	1 mm	Axial displacement
E	45,5 mm	Raceway diameter outer ring
F	27,5 mm	Raceway diameter inner ring
D _{1 min}	42,35 mm	Minimum rib diameter outer ring
d ₁	31,25 mm	Maximum rib diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Additional information

HJ304-E

L-washer

