

FAG

NJ236-E-XL-M1

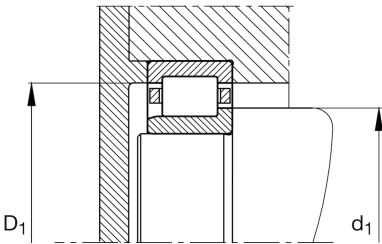
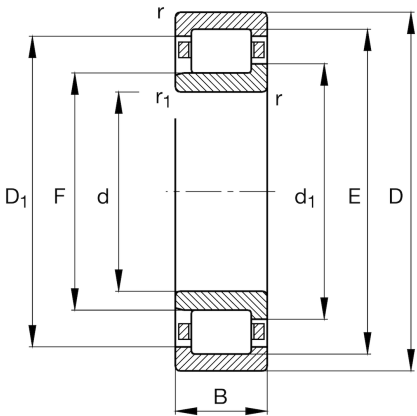
Cylindrical roller bearing

Schaeffler ID:
0192273100000

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	180 mm	Bore diameter
D	320 mm	Outside diameter
B	52 mm	Width
C _r	730.000 N	Basic dynamic load rating, radial
C _{0r}	830.000 N	Basic static load rating, radial
C _{ur}	124.000 N	Fatigue load limit, radial
n _G	3.750 1/min	Limiting speed
n _{gr}	1.850 1/min	Reference speed
≈m	19 kg	Weight

Mounting dimensions

d _{a min}	197 mm	Minimum diameter shaft shoulder
d _{a max}	214 mm	Maximum diameter of shaft shoulder
D _{a max}	303 mm	Maximum diameter of housing shoulder
d _{c min}	233 mm	Minimum shaft shoulder
r _{a max}	3 mm	Maximum recess radius

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
r _{1 min}	4 mm	Minimum chamfer dimension
s	4,7 mm	Axial displacement
E	289 mm	Raceway diameter outer ring
F	217 mm	Raceway diameter inner ring
D _{1 min}	278,6 mm	Minimum rib diameter outer ring
d ₁	230,2 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ236-E

L-washer

