

FAG

NJ309-E-XL-M1>A

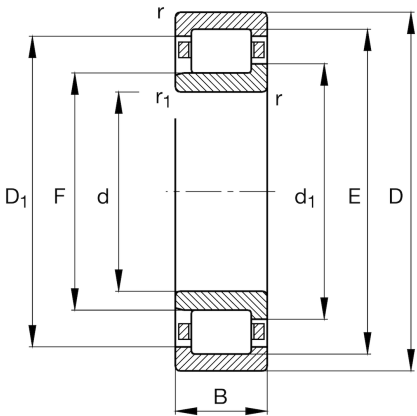
Cylindrical roller bearing

Materiálové číslo Schaeffler:
0933297500000

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

Technické informace



Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C _r	116.000 N	Basic dynamic load rating, radial
C _{0r}	99.000 N	Basic static load rating, radial
C _{ur}	17.500 N	Fatigue load limit, radial
n _G	12.800 1/min	Limiting speed
n _{gr}	6.400 1/min	Reference speed
≈m	1,01 kg	Hmotnost

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	1 mm	Axial displacement
E	88,5 mm	Raceway diameter outer ring
F	58,5 mm	Raceway diameter inner ring
D _{1 min}	84,12 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}	150 °C	Operating temperature max.

Additional information

HJ309-E

L-washer

