

FAG

NU312-E-XL-M1

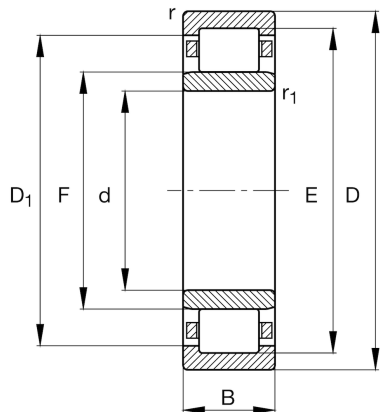
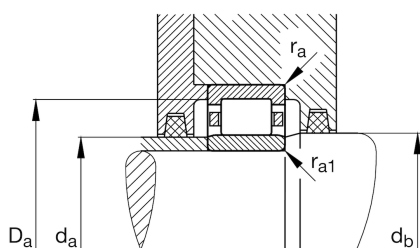
Cylindrical roller bearing

Schaeffler ID:
0167399490000Cylindrical roller bearing NU..-E-XL-M1,
with cage, single row, non-locating bearing,
2 ribs on outer ring, 0 ribs on inner ring
(smooth), type NU, Running accuracy in
P6

X-life

Technical information

Main Dimensions & Performance Data



d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
C _r	177,000 N	Basic dynamic load rating, radial
C _{0r}	157,000 N	Basic static load rating, radial
C _{ur}	21,900 N	Fatigue load limit, radial
n _G	9,600 1/min	Limiting speed
n _{gr}	5,200 1/min	Reference speed
	2.01 kg	Weight

Mounting dimensions

d _{a min}	72 mm	Minimum diameter shaft shoulder
d _{a max}	75 mm	Maximum diameter of shaft shoulder
d _{b min}	79 mm	Minimum shaft shoulder
D _{a max}	118 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum recess radius
r _{a1 max}	2 mm	Maximum recess radius

Dimensions

r _{min}	2.1 mm	Minimum chamfer dimension
r _{1 min}	2.1 mm	Minimum chamfer dimension
s	1.9 mm	Axial displacement
E	115 mm	Raceway diameter outer ring
F	77 mm	Raceway diameter inner ring
D _{1 min}	109.62 mm	Minimum rib diameter outer ring

Temperature range

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

