



FAG

NU330-E-XL-M1

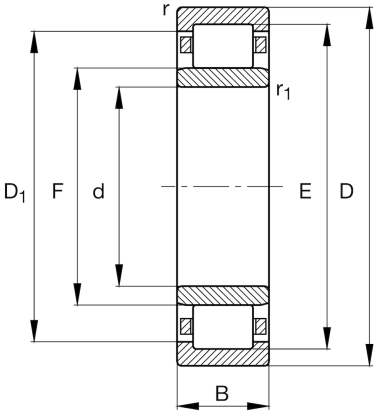
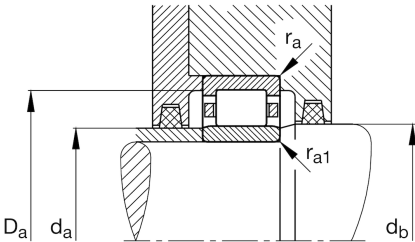
Cylindrical roller bearing

Schaeffler ID:
0167404400000

Cylindrical 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	150 mm	Bore diameter
D	320 mm	Outside diameter
B	65 mm	Width
C _r	900.000 N	Basic dynamic load rating, radial
C _{0r}	930.000 N	Basic static load rating, radial
C _{ur}	108.000 N	Fatigue load limit, radial
n _G	3.650 1/min	Limiting speed
n _{gr}	1.940 1/min	Reference speed
≈m	26,24 kg	Weight

Mounting dimensions

d _{a min}	167 mm	Minimum diameter shaft shoulder
d _{a max}	190 mm	Maximum diameter of shaft shoulder
d _{b min}	195 mm	Minimum shaft shoulder
D _{a max}	303 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius
r _{a1 max}	3 mm	Maximum recess radius

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
r _{1 min}	4 mm	Minimum chamfer dimension
s	5,5 mm	Axial displacement
E	283 mm	Raceway diameter outer ring
F	193 mm	Raceway diameter inner ring
D _{1 min}	269,8 mm	Minimum rib diameter outer ring

Temperature range

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

