



FAG

NU236-E-XL-M1

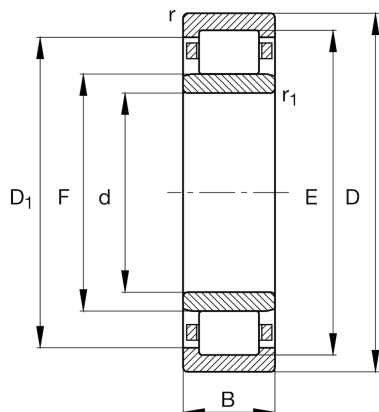
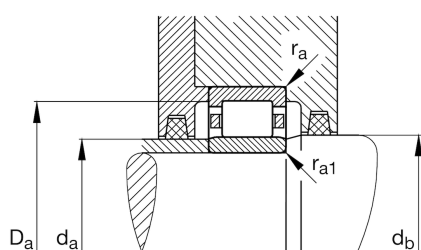
Cylindrical roller bearing

Schaeffler ID:
0167395310000

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	[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}	[98.000] N	Fatigue load limit, radial
n _G	[3.750] 1/min	Limiting speed
n _{gr}	[1.850] 1/min	Reference speed
	[18] kg	Weight

Mounting dimensions

d _{a min}	[197] mm	Minimum diameter shaft shoulder
d _{a max}	[214] mm	Maximum diameter of shaft shoulder
d _{b min}	[221] 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	[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

Temperature range

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

