

FAG

NU304-E-XL-M1

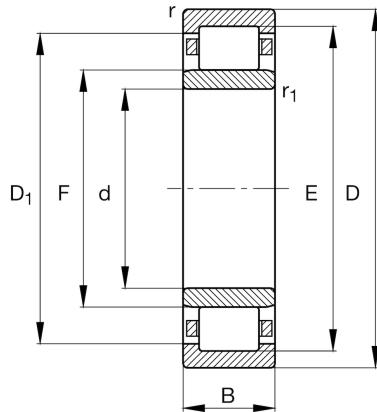
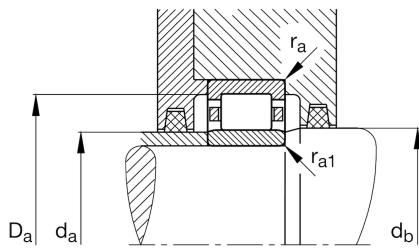
Cylindrical roller bearing

Schaeffler ID:
0190084730000Cylindrical 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	20 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C _r	37,500 N	Basic dynamic load rating, radial
C _{0r}	27,000 N	Basic static load rating, radial
C _{ur}	3,150 N	Fatigue load limit, radial
n _G	25,500 1/min	Limiting speed
n _{gr}	11,900 1/min	Reference speed
	0.167 kg	Weight

Mounting dimensions

d _{a min}	24 mm	Minimum diameter shaft shoulder
d _{a max}	27 mm	Maximum diameter of shaft shoulder
d _{b min}	30 mm	Minimum shaft shoulder
D _{a max}	45 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius
r _{a1 max}	0.6 mm	Maximum recess radius

Dimensions

r _{min}	1.1 mm	Minimum chamfer dimension
r _{1 min}	0.6 mm	Minimum chamfer dimension
s	1 mm	Axial displacement
E	45.5 mm	Raceway diameter outer ring
F	27.5 mm	Raceway diameter inner ring
D _{1 min}	42.35 mm	Minimum rib diameter outer ring

Temperature range

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

