

FAG

NU1012-XL-M1

Cylindrical roller bearing

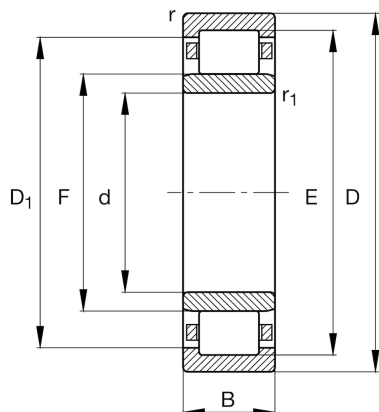
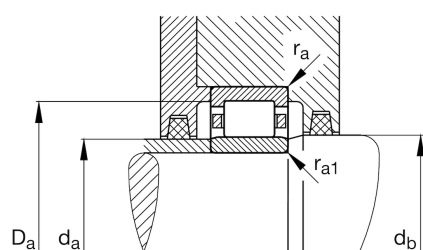
Schaeffler ID:
0167371210000

Cylindrical roller bearing NU..-XL-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU

X-life

Technical information

Main Dimensions & Performance Data



d	60 mm	Bore diameter
D	95 mm	Outside diameter
B	18 mm	Width
C_r	52,000 N	Basic dynamic load rating, radial
C_{0r}	55,000 N	Basic static load rating, radial
C_{ur}	7,400 N	Fatigue load limit, radial
n_G	14,800 1/min	Limiting speed
n_{gr}	6,400 1/min	Reference speed
	0.005 kg	Weight

Dimensions

r_{min}	1.1 mm	Minimum chamfer dimension
r_{1min}	1 mm	Minimum chamfer dimension
s	2.4 mm	Axial displacement
E	85.5 mm	Raceway diameter outer ring
F	69.5 mm	Raceway diameter inner ring
D_{1min}	82.3 mm	Minimum rib diameter outer ring

Mounting dimensions

d_{amin}	65 mm	Minimum diameter shaft shoulder
d_{amax}	68 mm	Maximum diameter of shaft shoulder
d_{bmin}	71 mm	Minimum shaft shoulder
D_{amax}	89 mm	Maximum diameter of housing shoulder
r_{amax}	1.1 mm	Maximum recess radius
r_{a1max}	1 mm	Maximum recess radius

Temperature range

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

