

FAG

NU414-XL-M1

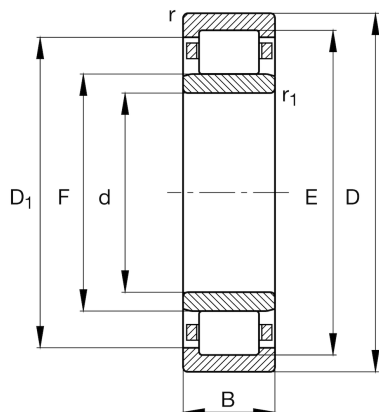
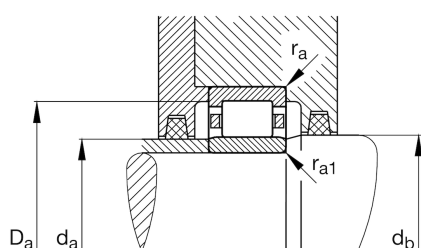
Cylindrical roller bearing

Schaeffler ID:
0192506730000

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



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.
	5,97 kg	Weight

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	180 mm	Outside diameter
B	42 mm	Width
C_r	285.000 N	Basic dynamic load rating, radial
C_{0r}	255.000 N	Basic static load rating, radial
C_{ur}	33.500 N	Fatigue load limit, radial
n_G	6.200 1/min	Limiting speed
n_{gr}	4.250 1/min	Reference speed

Dimensions

r_{min}	3 mm	Minimum chamfer dimension
$r_{1 min}$	3 mm	Minimum chamfer dimension
s	4 mm	Axial displacement
E	152 mm	Raceway diameter outer ring
F	100 mm	Raceway diameter inner ring
$D_{1 min}$	142,7 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a min}$	86 mm	Minimum diameter shaft shoulder
$d_{a max}$	99 mm	Maximum diameter of shaft shoulder
$d_{b min}$	102 mm	Minimum shaft shoulder
$D_{a max}$	164 mm	Maximum diameter of housing shoulder
$r_{a max}$	2,5 mm	Maximum recess radius
$r_{a1 max}$	2,5 mm	Maximum recess radius

