



FAG

★ NU412-XL-M1

Cylindrical roller bearing

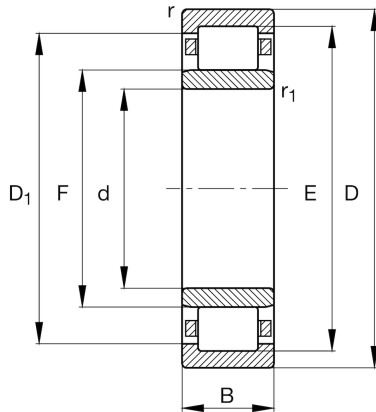
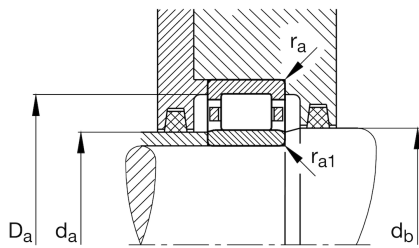
Schaeffler ID:
0382648620000

★ Preferred product

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.
	3,39 kg	Weight

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	150 mm	Outside diameter
B	35 mm	Width
C_r	211.000 N	Basic dynamic load rating, radial
C_{0r}	184.000 N	Basic static load rating, radial
C_{ur}	24.900 N	Fatigue load limit, radial
n_G	7.500 1/min	Limiting speed
n_{gr}	4.800 1/min	Reference speed

Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
$r_{1 min}$	2,1 mm	Minimum chamfer dimension
s	3,4 mm	Axial displacement
E	127 mm	Raceway diameter outer ring
F	83 mm	Raceway diameter inner ring
$D_{1 min}$	119,5 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a min}$	74 mm	Minimum diameter shaft shoulder
$d_{a max}$	82 mm	Maximum diameter of shaft shoulder
$d_{b min}$	85 mm	Minimum shaft shoulder
$D_{a max}$	136 mm	Maximum diameter of housing shoulder
$r_{a max}$	2 mm	Maximum recess radius
$r_{a1 max}$	2 mm	Maximum recess radius

