

FAG

NU410-XL-M1

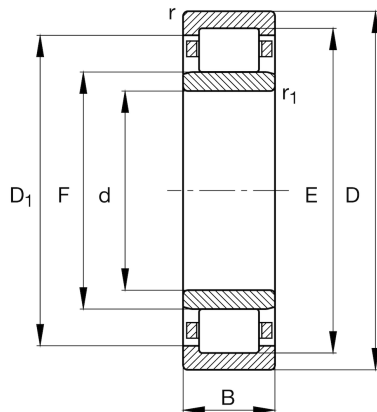
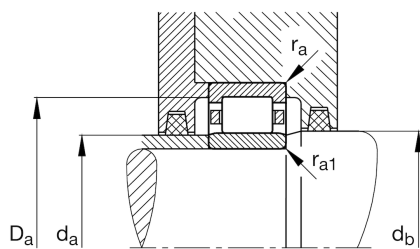
Cylindrical roller bearing

Schaeffler ID:
0383845580000

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	50 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
C_r	175.000 N	Basic dynamic load rating, radial
C_{0r}	148.000 N	Basic static load rating, radial
C_{ur}	20.200 N	Fatigue load limit, radial
n_G	8.600 1/min	Limiting speed
n_{gr}	5.300 1/min	Reference speed
	2,26 kg	Weight

Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
$r_{1 min}$	2,1 mm	Minimum chamfer dimension
s	3 mm	Axial displacement
E	110,8 mm	Raceway diameter outer ring
F	70,8 mm	Raceway diameter inner ring
$D_{1 min}$	104,3 mm	Minimum rib diameter outer ring

Mounting dimensions

$d_{a min}$	64 mm	Minimum diameter shaft shoulder
$d_{a max}$	69 mm	Maximum diameter of shaft shoulder
$d_{b min}$	73 mm	Minimum shaft shoulder
$D_{a max}$	116 mm	Maximum diameter of housing shoulder
$r_{a max}$	2 mm	Maximum recess radius
$r_{a1 max}$	2 mm	Maximum recess radius

Temperature range

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

