



FAG

## ★ NU409-XL-M1

Cylindrical roller bearing

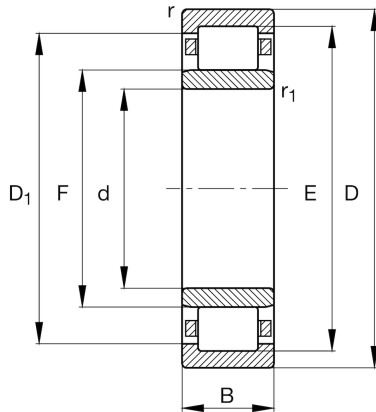
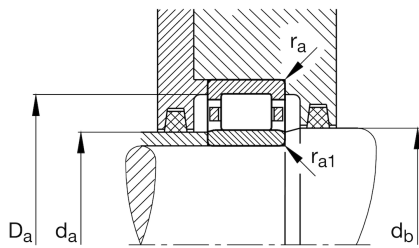
Schaeffler ID:  
0390262640000

★ 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.
	1,82 kg	Weight

## Main Dimensions &amp; Performance Data

d	45 mm	Bore diameter
D	120 mm	Outside diameter
B	29 mm	Width
$C_r$	143.000 N	Basic dynamic load rating, radial
$C_{0r}$	119.000 N	Basic static load rating, radial
$C_{ur}$	16.000 N	Fatigue load limit, radial
$n_G$	9.600 1/min	Limiting speed
$n_{gr}$	5.900 1/min	Reference speed

## Dimensions

$r_{min}$	2 mm	Minimum chamfer dimension
$r_{1 min}$	2 mm	Minimum chamfer dimension
s	2,9 mm	Axial displacement
E	100,5 mm	Raceway diameter outer ring
F	64,5 mm	Raceway diameter inner ring
$D_{1 min}$	94,6 mm	Minimum rib diameter outer ring

## Mounting dimensions

$d_{a min}$	58 mm	Minimum diameter shaft shoulder
$d_{a max}$	63 mm	Maximum diameter of shaft shoulder
$d_{b min}$	66 mm	Minimum shaft shoulder
$D_{a max}$	107 mm	Maximum diameter of housing shoulder
$r_{a max}$	2 mm	Maximum recess radius
$r_{a1 max}$	2 mm	Maximum recess radius

