



FAG

## NU407-XL-M1

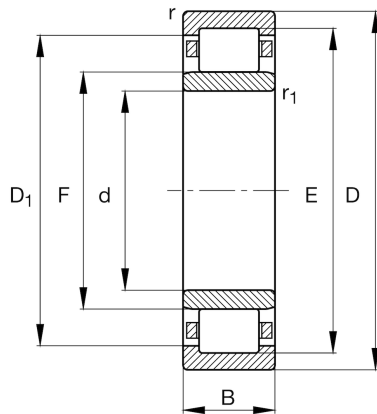
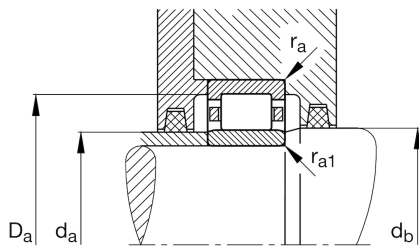
Cylindrical roller bearing

Schaeffler ID:  
0192504280000

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.
	1,12 kg	Weight

## Main Dimensions &amp; Performance Data

d	35 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
$C_r$	103.000 N	Basic dynamic load rating, radial
$C_{0r}$	83.000 N	Basic static load rating, radial
$C_{ur}$	10.900 N	Fatigue load limit, radial
$n_G$	11.800 1/min	Limiting speed
$n_{gr}$	7.000 1/min	Reference speed

## Dimensions

$r_{min}$	1,5 mm	Minimum chamfer dimension
$r_{1 min}$	1,5 mm	Minimum chamfer dimension
s	2,6 mm	Axial displacement
E	83 mm	Raceway diameter outer ring
F	53 mm	Raceway diameter inner ring
$D_{1 min}$	78,2 mm	Minimum rib diameter outer ring

## Mounting dimensions

$d_{a min}$	46 mm	Minimum diameter shaft shoulder
$d_{a max}$	52 mm	Maximum diameter of shaft shoulder
$d_{b min}$	55 mm	Minimum shaft shoulder
$D_{a max}$	89 mm	Maximum diameter of housing shoulder
$r_{a max}$	1,5 mm	Maximum recess radius
$r_{a1 max}$	1,5 mm	Maximum recess radius

