



FAG

## ★ NU1038-XL-M1

Cylindrical roller bearing

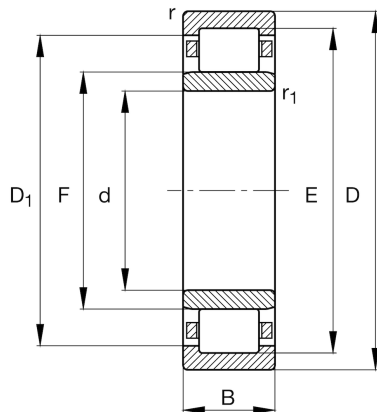
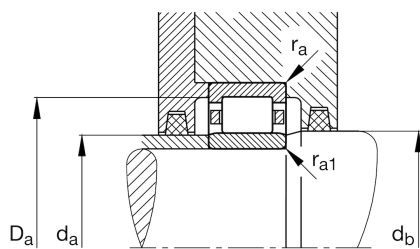
Schaeffler ID:  
0167373690000

★ 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.
	10,72 kg	Weight

## Main Dimensions &amp; Performance Data

d	190 mm	Bore diameter
D	290 mm	Outside diameter
B	46 mm	Width
$C_r$	435.000 N	Basic dynamic load rating, radial
$C_{0r}$	550.000 N	Basic static load rating, radial
$C_{ur}$	66.000 N	Fatigue load limit, radial
$n_G$	3.800 1/min	Limiting speed
$n_{gr}$	2.410 1/min	Reference speed

## Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$r_{1\min}$	2,1 mm	Minimum chamfer dimension
s	5 mm	Axial displacement
E	265 mm	Raceway diameter outer ring
F	215 mm	Raceway diameter inner ring
$D_{1\min}$	255,9 mm	Minimum rib diameter outer ring

## Mounting dimensions

$d_{a\min}$	200 mm	Minimum diameter shaft shoulder
$d_{a\max}$	213 mm	Maximum diameter of shaft shoulder
$d_{b\min}$	219 mm	Minimum shaft shoulder
$D_{a\max}$	280 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,1 mm	Maximum recess radius
$r_{a1\max}$	2,1 mm	Maximum recess radius

