

FAG

## NU1007-XL-M1

Cylindrical roller bearing

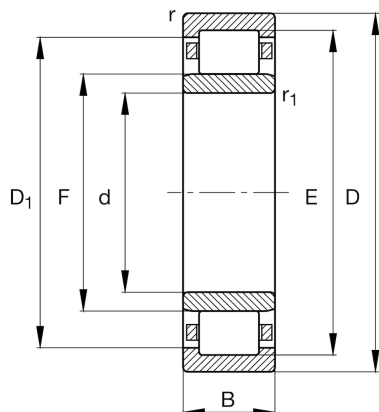
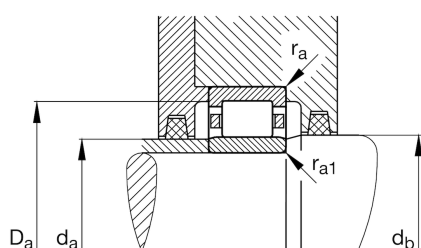
Schaeffler ID:  
0167370240000

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 &amp; Performance Data



d	35 mm	Bore diameter
D	62 mm	Outside diameter
B	14 mm	Width
$C_r$	29,000 N	Basic dynamic load rating, radial
$C_{0r}$	26,000 N	Basic static load rating, radial
$C_{ur}$	3,250 N	Fatigue load limit, radial
$n_G$	22,700 1/min	Limiting speed
$n_{gr}$	9,700 1/min	Reference speed
	0.002 kg	Weight

## Dimensions

$r_{min}$	1 mm	Minimum chamfer dimension
$r_{1 min}$	0.6 mm	Minimum chamfer dimension
s	2.6 mm	Axial displacement
E	55 mm	Raceway diameter outer ring
F	42 mm	Raceway diameter inner ring
$D_{1 min}$	52.4 mm	Minimum rib diameter outer ring

## Mounting dimensions

$d_{a min}$	38 mm	Minimum diameter shaft shoulder
$d_{a max}$	41 mm	Maximum diameter of shaft shoulder
$d_{b min}$	44 mm	Minimum shaft shoulder
$D_{a max}$	57 mm	Maximum diameter of housing shoulder
$r_{a max}$	1 mm	Maximum recess radius
$r_{a1 max}$	0.6 mm	Maximum recess radius

## Temperature range

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

