

FAG

**NU2211-E-XL-M1**

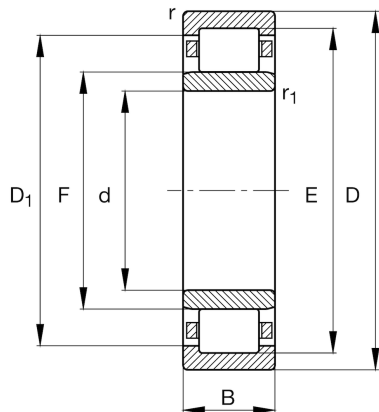
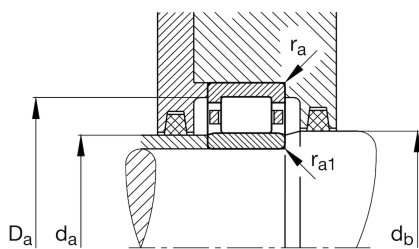
Cylindrical roller bearing

Schaeffler ID:  
0190083090000Cylindrical roller bearing NU..-E-XL-M1,  
with cage, single row, non-locating bearing,  
2 ribs on outer ring, 0 ribs on inner ring  
(smooth), type NU, Running accuracy in  
P6

X-life

## Technical information

## Main Dimensions &amp; Performance Data



d	55 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
$C_r$	117,000 N	Basic dynamic load rating, radial
$C_{0r}$	118,000 N	Basic static load rating, radial
$C_{ur}$	21,000 N	Fatigue load limit, radial
$n_G$	13,000 1/min	Limiting speed
$n_{gr}$	4,700 1/min	Reference speed
	0.86 kg	Weight

## Mounting dimensions

$d_{a \min}$	62 mm	Minimum diameter shaft shoulder
$d_{a \max}$	65 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	68 mm	Minimum shaft shoulder
$D_{a \max}$	91 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1.5 mm	Maximum recess radius
$r_{a1 \max}$	1 mm	Maximum recess radius

## Dimensions

$r_{\min}$	1.5 mm	Minimum chamfer dimension
$r_{1 \min}$	1.1 mm	Minimum chamfer dimension
s	1.3 mm	Axial displacement
E	90 mm	Raceway diameter outer ring
F	66 mm	Raceway diameter inner ring
$D_{1 \min}$	86.62 mm	Minimum rib diameter outer ring

## Temperature range

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

