

FAG

**NU210-E-XL-M1**

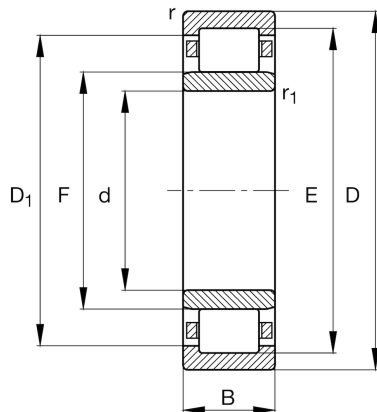
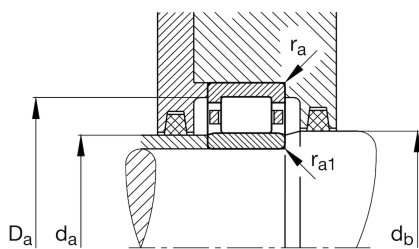
Cylindrical roller bearing

Schaeffler ID:  
0190079570000Cylindrical 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	50 mm	Bore diameter
D	90 mm	Outside diameter
B	20 mm	Width
$C_r$	75,000 N	Basic dynamic load rating, radial
$C_{0r}$	69,000 N	Basic static load rating, radial
$C_{ur}$	9,000 N	Fatigue load limit, radial
$n_G$	14,500 1/min	Limiting speed
$n_{gr}$	6,600 1/min	Reference speed
	0.534 kg	Weight

## Mounting dimensions

$d_{a \min}$	57 mm	Minimum diameter shaft shoulder
$d_{a \max}$	58 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	62 mm	Minimum shaft shoulder
$D_{a \max}$	83 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius
$r_{a1 \max}$	1 mm	Maximum recess radius

## Dimensions

$r_{\min}$	1.1 mm	Minimum chamfer dimension
$r_{1 \min}$	1.1 mm	Minimum chamfer dimension
s	1.3 mm	Axial displacement
E	81.5 mm	Raceway diameter outer ring
F	59.5 mm	Raceway diameter inner ring
$D_{1 \min}$	78.32 mm	Minimum rib diameter outer ring

## Temperature range

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

