

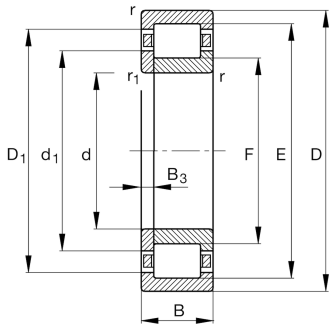
**NUP324-E-XL-MCA-C3**

## Cylindrical roller bearing

Cylindrical roller bearing NUP..-E-XL-MCA, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

X-life

## Technical information



## Your current product variant

Design	E	Increased Capacity Design
Number of rolling element rows	1	Single-row design

## Main Dimensions &amp; Performance Data

d	120 mm	Bore diameter
D	260 mm	Outside diameter
B	55 mm	Width
$C_r$	610.000 N	Basic dynamic load rating, radial
$C_{0r}$	600.000 N	Basic static load rating, radial
$C_{ur}$	97.000 N	Fatigue load limit, radial
$n_G$	4.550 1/min	Limiting speed
$n_{gr}$	2.650 1/min	Reference speed
$m$	14,09 kg	Weight



### Mounting dimensions

$d_1$	168,05 mm	Maximum rib diameter inner ring
$D_{1 \text{ min}}$	218,7 mm	Minimum rib diameter outer ring
$d_{a \text{ min}}$	134 mm	Minimum diameter shaft shoulder
$d_{c \text{ min}}$	171 mm	Minimum shaft shoulder
$D_{a \text{ max}}$	246 mm	Maximum diameter of housing shoulder
$r_{a \text{ max}}$	2,5 mm	Maximum recess radius

### Dimensions

$r_{\text{min}}$	3 mm	Minimum chamfer dimension
$r_{1 \text{ min}}$	3 mm	Minimum chamfer dimension
E	230 mm	Raceway diameter outer ring
F	154 mm	Raceway diameter inner ring
$B_3$	8,5 mm	Width of loose rib

### Temperature range

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

### Characteristics

	Radial load
	Axial load in one direction
	Grease Lubrication
	Oil Lubrication
	Not sealed