

**FAG****NU2230-E-XL-MCA-C3** [↗](#)

Cylindrical roller bearing

Cylindrical roller bearing NU20..-E-XL-MCA, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU, Running accuracy in P6

## Technical information

**Your current product variant**

Design	Standard	
Cage	MCA	Messing Käfig, einteilig, bordgeführt am Außenring
Number of rows	1	Single-row design

**Main Dimensions & Performance Data**

d	150 mm	Bore diameter
D	270 mm	Outside diameter
B	73 mm	Width
C <sub>r</sub>	780.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	970.000 N	Basic static load rating, radial
C <sub>ur</sub>	156.000 N	Fatigue load limit, radial
n <sub>G</sub>	4.550 1/min	Limiting speed
n <sub>gr</sub>	1.850 1/min	Reference speed
m	18,14 kg	Weight



### Mounting dimensions

$d_{a \min}$	164 mm	Minimum diameter shaft shoulder
$d_{a \max}$	179 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	184 mm	Minimum shaft shoulder
$D_{a \max}$	256 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,5 mm	Maximum recess radius
$r_{a1 \max}$	2,5 mm	Maximum recess radius

### Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
$r_{1 \min}$	3 mm	Minimum chamfer dimension
s	7,5 mm	Axial displacement
E	242 mm	Raceway diameter outer ring
F	182 mm	Raceway diameter inner ring
$D_{1 \min}$	233,2 mm	Minimum rib diameter outer ring

### Temperature range

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

### Characteristics

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