

**FAG****NU2330-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	320 mm	Outside diameter
B	108 mm	Width
C _r	1.380.000 N	Basic dynamic load rating, radial
C _{0r}	1.600.000 N	Basic static load rating, radial
C _{ur}	250.000 N	Fatigue load limit, radial
n _G	3.650 1/min	Limiting speed
n _{gr}	1.460 1/min	Reference speed
m	42,6 kg	Weight



Mounting dimensions

$d_{a \min}$	167 mm	Minimum diameter shaft shoulder
$d_{a \max}$	190 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	195 mm	Minimum shaft shoulder
$D_{a \max}$	303 mm	Maximum diameter of housing shoulder
$r_{a \max}$	3 mm	Maximum recess radius
$r_{a1 \max}$	3 mm	Maximum recess radius

Dimensions

r_{\min}	4 mm	Minimum chamfer dimension
$r_{1 \min}$	4 mm	Minimum chamfer dimension
s	9,7 mm	Axial displacement
E	283 mm	Raceway diameter outer ring
F	193 mm	Raceway diameter inner ring
$D_{1 \min}$	269,8 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