

**FAG****NU2232-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 rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	160 mm	Bore diameter
D	290 mm	Outside diameter
B	80 mm	Width
C _r	940.000 N	Basic dynamic load rating, radial
C _{0r}	1.170.000 N	Basic static load rating, radial
C _{ur}	189.000 N	Fatigue load limit, radial
n _G	4.150 1/min	Limiting speed
n _{gr}	1.660 1/min	Reference speed
m	23,16 kg	Weight



Mounting dimensions

$d_{a \min}$	174 mm	Minimum diameter shaft shoulder
$d_{a \max}$	192 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	197 mm	Minimum shaft shoulder
$D_{a \max}$	276 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	7,2 mm	Axial displacement
E	261 mm	Raceway diameter outer ring
F	193 mm	Raceway diameter inner ring
$D_{1 \min}$	247,4 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