

**FAG****NU2324-E-XL-MCA** [↗](#)

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	120 mm	Bore diameter
D	260 mm	Outside diameter
B	86 mm	Width
C _r	930.000 N	Basic dynamic load rating, radial
C _{0r}	1.010.000 N	Basic static load rating, radial
C _{ur}	170.000 N	Fatigue load limit, radial
n _G	4.550 1/min	Limiting speed
n _{gr}	1.980 1/min	Reference speed
m	23,04 kg	Weight



Mounting dimensions

$d_{a \min}$	134 mm	Minimum diameter shaft shoulder
$d_{a \max}$	151 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	156 mm	Minimum shaft shoulder
$D_{a \max}$	246 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	230 mm	Raceway diameter outer ring
F	154 mm	Raceway diameter inner ring
$D_{1 \min}$	218,7 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