



FAG

NJ2330-E-XL-MCA-C3 [↗](#)

Cylindrical roller bearing

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

X-life

Technical information



Your current product variant

Design	E	Increased Capacity Design
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	43,02 kg	Weight

Mounting dimensions

$d_{a \min}$	167 mm	Minimum diameter shaft shoulder
$d_{a \max}$	190 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	303 mm	Maximum diameter of housing shoulder
$d_{c \min}$	213 mm	Minimum shaft shoulder
$r_{a \max}$	3 mm	Maximum recess radius



Dimensions

r_{\min}	4 mm	Minimum chamfer dimension
$r_{1\min}$	4 mm	Minimum chamfer dimension
s	9,8 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
d_1	209,45 mm	Maximum rib diameter inner ring

Temperature range






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

Additional information

HJ2330-E

L-washer

Characteristics

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