

**FAG****NJ2326-E-XL-MCA-QP51-C5** [↗](#)

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	130 mm	Bore diameter
D	280 mm	Outside diameter
B	93 mm	Width
C_r	1.080.000 N	Basic dynamic load rating, radial
C_{0r}	1.220.000 N	Basic static load rating, radial
C_{ur}	198.000 N	Fatigue load limit, radial
n_G	4.250 1/min	Limiting speed
n_{gr}	1.750 1/min	Reference speed
m	27,1 kg	Weight

Mounting dimensions

$d_{a \min}$	147 mm	Minimum diameter shaft shoulder
$d_{a \max}$	164 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	163 mm	Maximum diameter of housing shoulder
$d_{c \min}$	184 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	8,1 mm	Axial displacement
E	247 mm	Raceway diameter outer ring
F	167 mm	Raceway diameter inner ring
$D_{1\min}$	235,2 mm	Minimum rib diameter outer ring
d_1	181,7 mm	Maximum rib diameter inner ring

Temperature range






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

Additional information

HJ2326-E

L-washer

Characteristics

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