

**FAG****NJ328-E-XL-MCA-J30PC-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	140 mm	Bore diameter
D	300 mm	Outside diameter
B	62 mm	Width
C_r	790.000 N	Basic dynamic load rating, radial
C_{0r}	800.000 N	Basic static load rating, radial
C_{ur}	126.000 N	Fatigue load limit, radial
n_G	3.950 1/min	Limiting speed
n_{gr}	2.170 1/min	Reference speed
m	22,6 kg	Weight

Mounting dimensions

$d_{a \min}$	157 mm	Minimum diameter shaft shoulder
$d_{a \max}$	179 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	283 mm	Maximum diameter of housing shoulder
$d_{c \min}$	198 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	5,2 mm	Axial displacement
E	264 mm	Raceway diameter outer ring
F	180 mm	Raceway diameter inner ring
$D_{1 \min}$	251,7 mm	Minimum rib diameter outer ring
d_1	195,4 mm	Maximum rib diameter inner ring

Temperature range




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

Additional information

HJ328-E

L-washer

Characteristics

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