



FAG

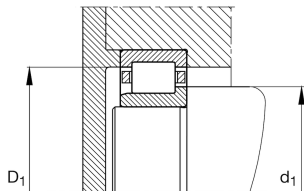
NJ330-E-XL-M1-F1-C4

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-XL-M1, 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
Cage	M1	Two Piece Brass Cage Roller Guided
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Tolerance class	PN	Normal (PN)
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	150 mm	Bore diameter
D	320 mm	Outside diameter
B	65 mm	Width
C_r	900.000 N	Basic dynamic load rating, radial
C_{0r}	930.000 N	Basic static load rating, radial
C_{ur}	141.000 N	Fatigue load limit, radial
n_G	3.650 1/min	Limiting speed
n_{gr}	1.940 1/min	Reference speed
$\approx m$	27,2 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	5,5 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	209,5 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ330-E

L-washer



Characteristics

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