



FAG

NJ212-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	60 mm	Bore diameter
D	110 mm	Outside diameter
B	22 mm	Width
C_r	112.000 N	Basic dynamic load rating, radial
C_{0r}	103.000 N	Basic static load rating, radial
C_{ur}	17.800 N	Fatigue load limit, radial
n_G	11.500 1/min	Limiting speed
n_{gr}	5.300 1/min	Reference speed
$\approx m$	0,92 kg	Weight



Mounting dimensions

$d_{a \min}$	69 mm	Minimum diameter shaft shoulder
$d_{a \max}$	71 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	101 mm	Maximum diameter of housing shoulder
$d_{c \min}$	80 mm	Minimum shaft shoulder
$r_{a \max}$	1,5 mm	Maximum recess radius

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
$r_{1 \min}$	1,5 mm	Minimum chamfer dimension
s	1,6 mm	Axial displacement
E	100 mm	Raceway diameter outer ring
F	72 mm	Raceway diameter inner ring
$D_{1 \min}$	95,65 mm	Minimum rib diameter outer ring
d_1	77,55 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ212-E

L-washer

Characteristics

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