



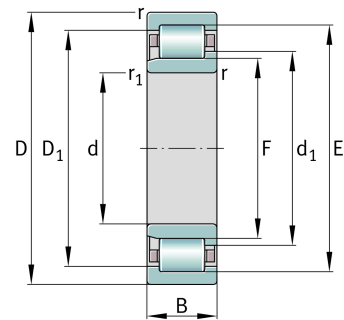
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NJ408-XL-M1 [🔗](#)

Cylindrical roller bearing

Cylindrical roller bearing NJ..-M1, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

Technical information



Your current product variant

Design	Standard	
Cage	M1	Two Piece Brass Cage Roller Guided
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	110 mm	Outside diameter
B	27 mm	Width
C _r	119.000 N	Basic dynamic load rating, radial
C _{0r}	95.000 N	Basic static load rating, radial
C _{ur}	17.100 N	Fatigue load limit, radial
n _G	12.100 1/min	Limiting speed
n _{gr}	6.500 1/min	Reference speed
≈m	1,46 kg	Weight



Mounting dimensions

$d_{a\ min}$	53 mm	Minimum diameter shaft shoulder
$d_{a\ max}$	57 mm	Maximum diameter of shaft shoulder
$D_{a\ max}$	97 mm	Maximum diameter of housing shoulder
$d_{c\ min}$	67 mm	Minimum shaft shoulder
$r_{a\ max}$	2 mm	Maximum recess radius

Dimensions

$r_{\min}$	2 mm	Minimum chamfer dimension
$r_{1\ min}$	2 mm	Minimum chamfer dimension
s	2,8 mm	Axial displacement
E	92 mm	Raceway diameter outer ring
F	58 mm	Raceway diameter inner ring
$D_{1\ min}$	86,4 mm	Minimum rib diameter outer ring
d_1	64,6 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ408	L-washer
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Characteristics

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