



FAG

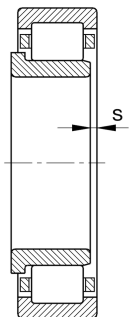
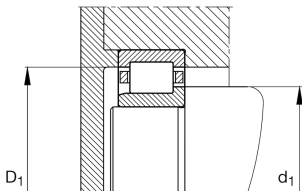
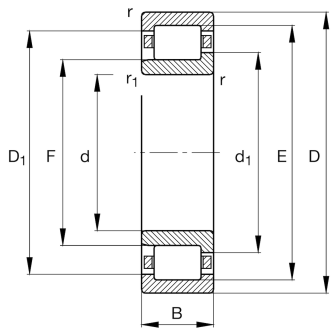
NJ2212-E-XL-M1 [🔗](#)

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

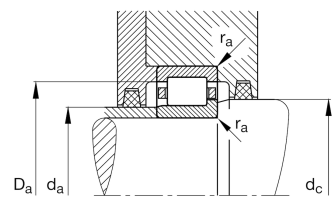


Your current product variant

Design	E	Increased Capacity Design
Cage	M1	Two Piece Brass Cage Roller Guided
Radial internal clearance	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	60 mm	Bore diameter
D	110 mm	Outside diameter
B	28 mm	Width
C_r	152.000 N	Basic dynamic load rating, radial
C_{0r}	153.000 N	Basic static load rating, radial
C_{ur}	28.000 N	Fatigue load limit, radial
n_G	11.500 1/min	Limiting speed
n_{gr}	4.300 1/min	Reference speed
$\approx m$	1,248 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
$D_{1 \min}$	96,08 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