



FAG

NJ2220-E-XL-M1-C3

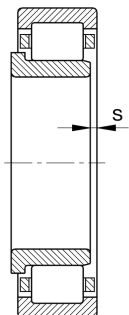
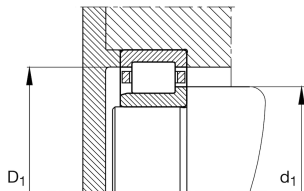
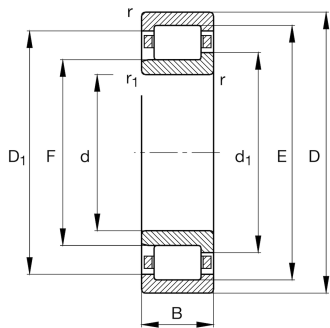
Cylindrical roller bearing

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

Schaeffler ID:
0167351020030

X-life

Technical information

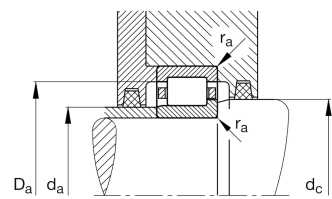


Your current product variant

Design	E	Increased Capacity Design
Cage	M1	Two Piece Brass Cage Roller Guided
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (PN)
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	180 mm	Outside diameter
B	46 mm	Width
C _r	395.000 N	Basic dynamic load rating, radial
C _{0r}	445.000 N	Basic static load rating, radial
C _{ur}	77.000 N	Fatigue load limit, radial
n _G	6.800 1/min	Limiting speed
n _{gr}	2.900 1/min	Reference speed
≈m	5,3 kg	Weight



Mounting dimensions

d _a min	112 mm	Minimum diameter shaft shoulder
d _a max	117 mm	Maximum diameter of shaft shoulder
D _a max	168 mm	Maximum diameter of housing shoulder
d _c min	130 mm	Minimum shaft shoulder
r _a max	2 mm	Maximum recess radius

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
r ₁ min	2,1 mm	Minimum chamfer dimension
s	2,5 mm	Axial displacement
E	163 mm	Raceway diameter outer ring
F	119 mm	Raceway diameter inner ring
D ₁ min	156,9 mm	Minimum rib diameter outer ring
d ₁	127,3 mm	Maximum rib diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Additional information

HJ2220-E	L-washer
----------	----------

Characteristics

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