



FAG

NJ311-E-XL-M1-C3

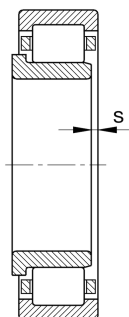
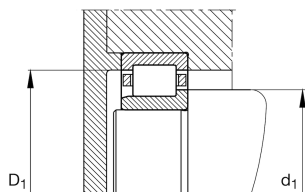
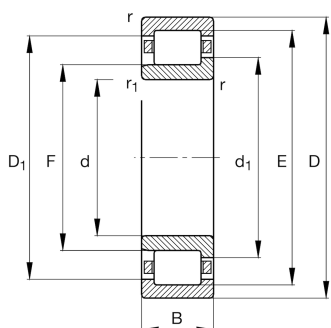
Cylindrical roller bearing

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

Materiálové číslo Schaeffler: 0382608670030

X-life

Technické informace



Vaše aktuální varianta produktu

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	55 mm	Bore diameter
D	120 mm	Outside diameter
B	29 mm	Width
C _r	159.000 N	Basic dynamic load rating, radial
C _{0r}	139.000 N	Basic static load rating, radial
C _{ur}	25.500 N	Fatigue load limit, radial
n _G	10.400 1/min	Limiting speed
n _{gr}	5.500 1/min	Reference speed
≈m	1,67 kg	Hmotnost



Mounting dimensions

$d_a \text{ min}$	66 mm	Minimum diameter shaft shoulder
$d_a \text{ max}$	69 mm	Maximum diameter of shaft shoulder
$D_a \text{ max}$	109 mm	Maximum diameter of housing shoulder
$d_c \text{ min}$	80 mm	Minimum shaft shoulder
$r_a \text{ max}$	2 mm	Maximum recess radius

Dimensions

r_{min}	2 mm	Minimum chamfer dimension
$r_1 \text{ min}$	2 mm	Minimum chamfer dimension
s	1,8 mm	Axial displacement
E	106,5 mm	Raceway diameter outer ring
F	70,5 mm	Raceway diameter inner ring
$D_1 \text{ min}$	101,42 mm	Minimum rib diameter outer ring
d_1	77,5 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ311-E

L-washer

Vlastnosti



Radiální zatížení



Axiální zatížení v jednom směru



Mazání (plastickým mazivem)



Mazání olejem



Neutěsněné