



FAG

NUP311-E-XL-TVP2-C3

Cylindrical roller bearing

Cylindrical roller bearing NUP...-E-XL-TVP2, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

Materiálové číslo Schaeffler:
0167415360030

X-life

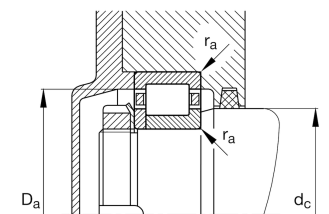
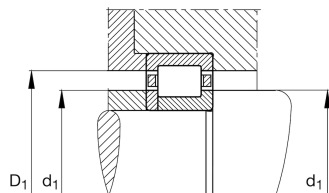
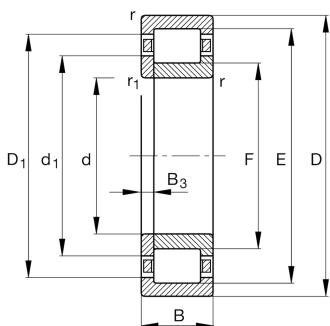
Technické informace

Vaše aktuální varianta produktu

Design	E	Increased Capacity Design
Cage	TVP2	Solid Window Cage made from PA66
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}	26.000 N	Fatigue load limit, radial
n _G	8.000 1/min	Limiting speed
n _{gr}	5.500 1/min	Reference speed
≈m	1,52 kg	Hmotnost





Mounting dimensions

d_1	77,5 mm	Maximum rib diameter inner ring
$D_1 \text{ min}$	101,4 mm	Minimum rib diameter outer ring
$d_a \text{ min}$	66 mm	Minimum diameter shaft shoulder
$d_c \text{ min}$	80 mm	Minimum shaft shoulder
$D_a \text{ max}$	109 mm	Maximum diameter of housing 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
E	106,5 mm	Raceway diameter outer ring
F	70,5 mm	Raceway diameter inner ring
B_3	5 mm	Width of loose rib

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.

Vlastnosti

	Radiální zatížení
	Axiální zatížení v jednom směru
	Axiální zatížení ve dvou směrech
	Mazání (plastickým mazivem)
	Mazání olejem
	Neutěsněné