



FAG

NUP216-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

X-life

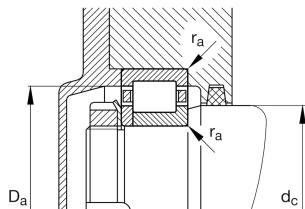
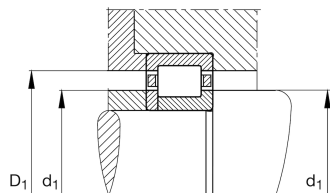
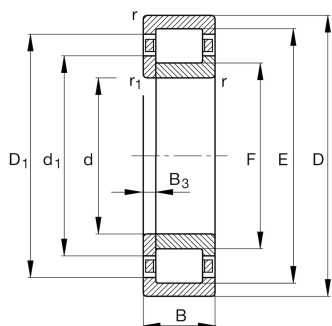
Informacje techniczne

Twoja aktualna wersja 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 (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	140 mm	Outside diameter
B	26 mm	Width
C _r	166.000 N	Basic dynamic load rating, radial
C _{0r}	168.000 N	Basic static load rating, radial
C _{ur}	29.500 N	Fatigue load limit, radial
n _G	7.000 1/min	Limiting speed
n _{gr}	4.200 1/min	Reference speed
≈m	1,59 kg	Masa





Mounting dimensions

d_1	101,5 mm	Maximum rib diameter inner ring
$D_1 \text{ min}$	122,9 mm	Minimum rib diameter outer ring
$d_a \text{ min}$	91 mm	Minimum diameter shaft shoulder
$d_c \text{ min}$	104 mm	Minimum shaft shoulder
$D_a \text{ max}$	129 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	127,3 mm	Raceway diameter outer ring
F	95,3 mm	Raceway diameter inner ring
B_3	4,5 mm	Width of loose rib

Temperature range

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

Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia