



FAG

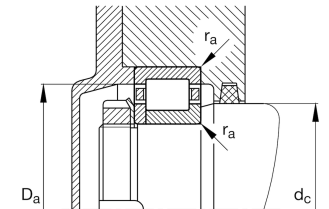
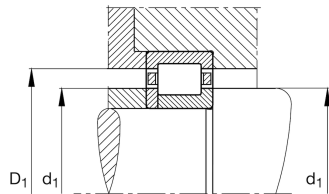
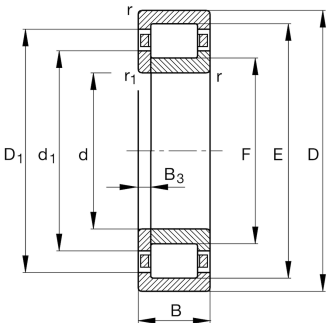
NUP205-E-XL-TVP2-C4

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	C4 (Group 4)	Internal clearance larger than C3
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C _r	34.500 N	Basic dynamic load rating, radial
C _{0r}	27.500 N	Basic static load rating, radial
C _{ur}	4.450 N	Fatigue load limit, radial
n _G	19.800 1/min	Limiting speed
n _{gr}	11.600 1/min	Reference speed
≈m	0,145 kg	Masa



Mounting dimensions

d_1	34,7 mm	Maximum rib diameter inner ring
$D_{1 \min}$	43,8 mm	Minimum rib diameter outer ring
$d_{a \min}$	29 mm	Minimum diameter shaft shoulder
$d_{c \min}$	37 mm	Minimum shaft shoulder
$D_{a \max}$	46 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius

Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
$r_{1 \min}$	0,6 mm	Minimum chamfer dimension
E	46,5 mm	Raceway diameter outer ring
F	31,5 mm	Raceway diameter inner ring
B_3	3 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