



FAG

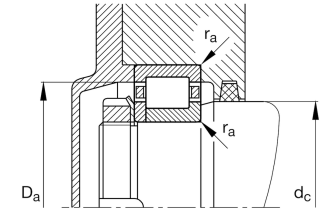
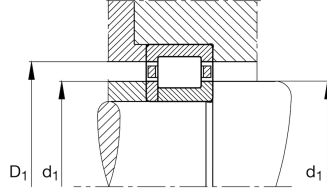
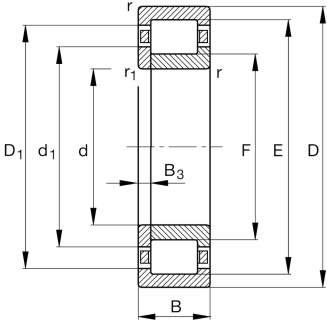
NUP309-E-XL-TVP2 [↗](#)

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

Teknik bilgiler



Ваш текущий вариант продукта

Design	E	Increased Capacity Design
Cage	TVP2	Solid Window Cage made from PA66
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C _r	116.000 N	Basic dynamic load rating, radial
C _{0r}	99.000 N	Basic static load rating, radial
C _{ur}	17.600 N	Fatigue load limit, radial
n _G	9.800 1/min	Limiting speed
n _{gr}	6.400 1/min	Reference speed
≈m	0,93 kg	Bec



Mounting dimensions

d_1	64,4 mm	Maximum rib diameter inner ring
$D_1 \text{ min}$	84,1 mm	Minimum rib diameter outer ring
$d_a \text{ min}$	54 mm	Minimum diameter shaft shoulder
$d_c \text{ min}$	66 mm	Minimum shaft shoulder
$D_a \text{ max}$	91 mm	Maximum diameter of housing shoulder
$r_a \text{ max}$	1,5 mm	Maximum recess radius







Dimensions

r_{min}	1,5 mm	Minimum chamfer dimension
$r_1 \text{ min}$	1,5 mm	Minimum chamfer dimension
E	88,5 mm	Raceway diameter outer ring
F	58,5 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.

Характеристики

	Радиальная нагрузка
	Осевая нагрузка в одном направлении
	Осевая нагрузка в обоих направлениях
	Смазывание пластичной смазкой
	Смазывание маслом
	Без уплотнений