

FAG

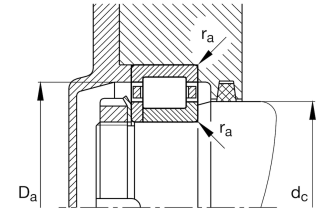
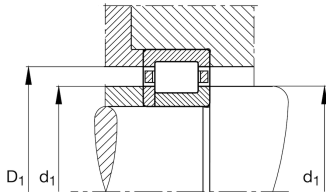
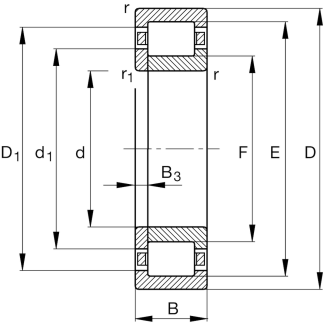
NUP2208-E-XL-TVP2

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

Technical information



Your current product variant

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 (PN)
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	23 mm	Width
C <sub>r</sub>	83,000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	75,000 N	Basic static load rating, radial
C <sub>ur</sub>	12,900 N	Fatigue load limit, radial
n <sub>G</sub>	12,500 1/min	Limiting speed
n <sub>gr</sub>	6,300 1/min	Reference speed
≈m	0.5 kg	Weight



Mounting dimensions

d <sub>1</sub>	54 mm	Maximum rib diameter inner ring
D <sub>1 min</sub>	68.3 mm	Minimum rib diameter outer ring
d <sub>a min</sub>	47 mm	Minimum diameter shaft shoulder
d <sub>c min</sub>	56 mm	Minimum shaft shoulder
D <sub>a max</sub>	73 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum recess radius

Dimensions







r <sub>min</sub>	1.1 mm	Minimum chamfer dimension
r <sub>1 min</sub>	1.1 mm	Minimum chamfer dimension
E	71.5 mm	Raceway diameter outer ring
F	49.5 mm	Raceway diameter inner ring

B <sub>3</sub>	4 mm	Width of loose rib
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Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.

Characteristics

	Radial load
	Axial load in one direction
	Axial load in two directions
	Grease Lubrication
	Oil Lubrication
	Not sealed