**FAG****NUP2209-E-XL-TVP2-C3**

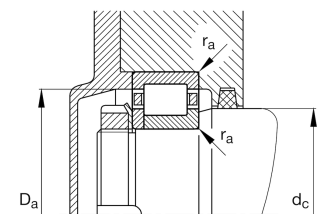
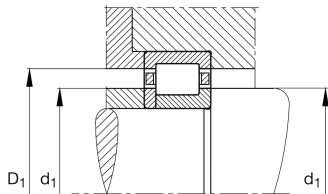
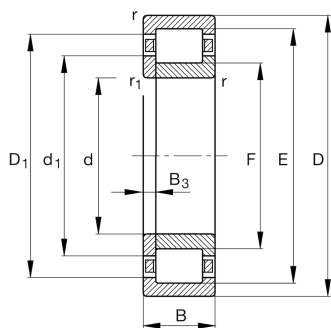
Cylindrical roller bearing

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

Schaeffler ID:
0167409470030

X-life

Technical information



Your current product variant

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	45 mm	Bore diameter
D	85 mm	Outside diameter
B	23 mm	Width
C _r	87.000 N	Basic dynamic load rating, radial
C _{0r}	82.000 N	Basic static load rating, radial
C _{ur}	14.100 N	Fatigue load limit, radial
n _G	11.800 1/min	Limiting speed
n _{gr}	5.800 1/min	Reference speed
m	0,507 kg	Weight



Mounting dimensions

d ₁	59 mm	Maximum rib diameter inner ring
D _{1 min}	73,3 mm	Minimum rib diameter outer ring
d _{a min}	52 mm	Minimum diameter shaft shoulder
d _{c min}	61 mm	Minimum shaft shoulder
D _{a max}	78 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
r _{1 min}	1,1 mm	Minimum chamfer dimension
E	76,5 mm	Raceway diameter outer ring
F	54,5 mm	Raceway diameter inner ring

B ₃	4 mm	Width of loose rib
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Temperature range

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

Characteristics

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