

FAG

NUP2209-E-XL-TVP2

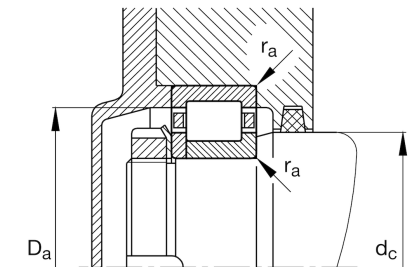
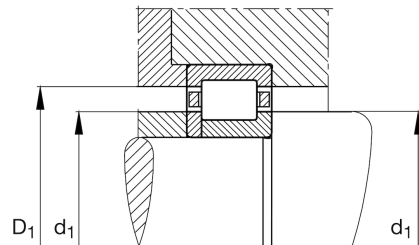
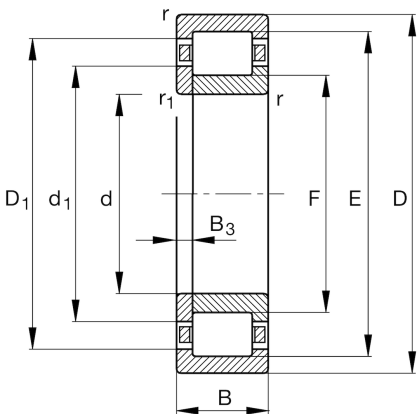
Cylindrical roller bearing

Schaeffler ID:
0167409470000

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



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
	0.507 kg	Weight

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

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

Temperature range

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