

FAG

NU209-E-XL-TVP2

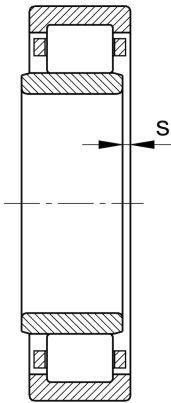
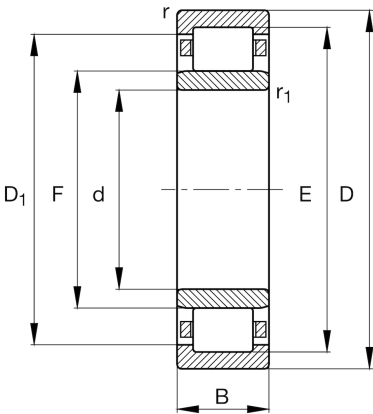
Cylindrical roller bearing

Schaeffler ID:
0167377250000

Cylindrical roller bearing NU..-E-XL-TVP2,
with cage, single row, non-locating bearing,
2 ribs on outer ring, 0 ribs on inner ring
(smooth), type NU

X-life

Technical information



Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	85 mm	Outside diameter
B	19 mm	Width
C _r	72,000 N	Basic dynamic load rating, radial
C _{0r}	63,000 N	Basic static load rating, radial
C _{ur}	8,300 N	Fatigue load limit, radial
n _G	10,200 1/min	Limiting speed
n _{gr}	7,000 1/min	Reference speed
	0.429 kg	Weight

Dimensions

r _{min}	1.1 mm	Minimum chamfer dimension
r _{1 min}	1.1 mm	Minimum chamfer dimension
s	1 mm	Axial displacement
E	76.5 mm	Raceway diameter outer ring
F	54.5 mm	Raceway diameter inner ring
D _{1 min}	73.3 mm	Minimum rib diameter outer ring

Mounting dimensions

d _{a min}	52 mm	Minimum diameter shaft shoulder
d _{a max}	54 mm	Maximum diameter of shaft shoulder
d _{b min}	57 mm	Minimum shaft shoulder
D _{a max}	78 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius
r _{a1 max}	1 mm	Maximum recess radius

Temperature range

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

