

FAG

NUP2208-E-XL-TVP2

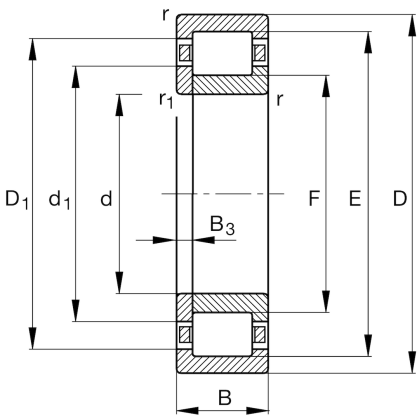
Cylindrical roller bearing

Schaeffler ID:
0167409390000

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	40 mm	Bore diameter
D	80 mm	Outside diameter
B	23 mm	Width
C _r	83,000 N	Basic dynamic load rating, radial
C _{0r}	75,000 N	Basic static load rating, radial
C _{ur}	12,900 N	Fatigue load limit, radial
n _G	12,500 1/min	Limiting speed
n _{gr}	6,300 1/min	Reference speed
	0.5 kg	Weight

Dimensions

r _{min}	1.1 mm	Minimum chamfer dimension
r _{1 min}	1.1 mm	Minimum chamfer dimension
E	71.5 mm	Raceway diameter outer ring
F	49.5 mm	Raceway diameter inner ring
B ₃	4 mm	Width of loose rib

Mounting dimensions

d ₁	54 mm	Maximum rib diameter inner ring
D _{1 min}	68.3 mm	Minimum rib diameter outer ring
d _{a min}	47 mm	Minimum diameter shaft shoulder
d _{c min}	56 mm	Minimum shaft shoulder
D _{a max}	73 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.

