

FAG

NUP207-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167407500000

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	35 mm	Bore diameter
D	72 mm	Outside diameter
B	17 mm	Width
C _r	59.000 N	Basic dynamic load rating, radial
C _{0r}	50.000 N	Basic static load rating, radial
C _{ur}	7.800 N	Fatigue load limit, radial
n _G	12.300 1/min	Limiting speed
n _{gr}	8.100 1/min	Reference speed
	0,302 kg	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
r _{1 min}	0,6 mm	Minimum chamfer dimension
E	64 mm	Raceway diameter outer ring
F	44 mm	Raceway diameter inner ring
B ₃	3 mm	Width of loose rib

Mounting dimensions

d ₁	48 mm	Maximum rib diameter inner ring
D _{1 min}	61 mm	Minimum rib diameter outer ring
d _{a min}	39 mm	Minimum diameter shaft shoulder
d _{c min}	50 mm	Minimum shaft shoulder
D _{a max}	65 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.