



FAG

NUP2304-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:
0167411880000

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	20 mm	Bore diameter
D	52 mm	Outside diameter
B	21 mm	Width
C_r	49,500 N	Basic dynamic load rating, radial
C_{0r}	39,000 N	Basic static load rating, radial
C_{ur}	6,300 N	Fatigue load limit, radial
n_G	19,700 1/min	Limiting speed
n_{gr}	9,700 1/min	Reference speed
	0.224 kg	Weight

Dimensions

r_{min}	1.1 mm	Minimum chamfer dimension
r_{1min}	0.6 mm	Minimum chamfer dimension
E	45.5 mm	Raceway diameter outer ring
F	27.5 mm	Raceway diameter inner ring
B_3	3.5 mm	Width of loose rib

Mounting dimensions

d_1	31.3 mm	Maximum rib diameter inner ring
D_{1min}	42.4 mm	Minimum rib diameter outer ring
d_{amin}	24 mm	Minimum diameter shaft shoulder
d_{cmin}	33 mm	Minimum shaft shoulder
D_{amax}	45 mm	Maximum diameter of housing shoulder
r_{amax}	1 mm	Maximum recess radius

Temperature range

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

