

FAG**NU305-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:
0167396980000Cylindrical 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	25 mm	Bore diameter
D	62 mm	Outside diameter
B	17 mm	Width
C _r	49.000 N	Basic dynamic load rating, radial
C _{0r}	37.500 N	Basic static load rating, radial
C _{ur}	4.550 N	Fatigue load limit, radial
n _G	14.400 1/min	Limiting speed
n _{gr}	10.100 1/min	Reference speed
	0,234 kg	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
r _{1 min}	1,1 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement
E	54 mm	Raceway diameter outer ring
F	34 mm	Raceway diameter inner ring
D _{1 min}	50,7 mm	Minimum rib diameter outer ring

Mounting dimensions

d _{a min}	32 mm	Minimum diameter shaft shoulder
d _{a max}	33 mm	Maximum diameter of shaft shoulder
d _{b min}	37 mm	Minimum shaft shoulder
D _{a max}	55 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.