

FAG**NJ202-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:
0167342620000Cylindrical roller bearing NJ..-E-XL-TVP2,
with cage, single row, semi-locating
bearing, 2 ribs on outer ring, 1 rib on inner
ring, type NJ

Technical information

Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	11 mm	Width
C _r	15.100 N	Basic dynamic load rating, radial
C _{0r}	10.400 N	Basic static load rating, radial
C _{ur}	1.630 N	Fatigue load limit, radial
n _G	27.000 1/min	Limiting speed
n _{gr}	17.900 1/min	Reference speed
	0,048 kg	Weight

Dimensions

r _{min}	0,6 mm	Minimum chamfer dimension
r _{1 min}	0,3 mm	Minimum chamfer dimension
s	1,6 mm	Axial displacement
E	30,3 mm	Raceway diameter outer ring
F	19,3 mm	Raceway diameter inner ring
D _{1 min}	28 mm	Minimum rib diameter outer ring
d ₁	21,6 mm	Maximum rib diameter inner ring

Mounting dimensions

d _{a min}	17,4 mm	Minimum diameter shaft shoulder
d _{a max}	18,5 mm	Maximum diameter of shaft shoulder
D _{a max}	32,6 mm	Maximum diameter of housing shoulder
d _{c min}	22 mm	Minimum shaft shoulder
r _{a max}	0,6 mm	Maximum recess radius

Temperature range

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