



Cylindrical roller bearings

N316-E-TVP2 (Series N3..-E)

main dimensions to DIN 5412-1, non-locating bearing,
separable, with cage

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue selection system (<http://www.fag.de/content.fag.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

d	80 mm
D	170 mm
B	39 mm
d ₁	110,4 mm
D _a max	158 mm
d _a min	92 mm
D _b min	153 mm
D _c max	149 mm
E	151 mm
F	101 mm
r ₁ min	2,1 mm
r _{a1} max	2,1 mm
r _a max	2,1 mm
r _{min}	2,1 mm
s	0,6 mm Axial displacement facility from central position
m	4,12 kg Mass
C _r	300000 N Basic dynamic load rating, radial
C _{0r}	275000 N Basic static load rating, radial

n_G	4800 1/min	Limiting speed
n_B	4150 1/min	Reference speed
C_{ur}	49500 N	Fatigue limit load, radial



