

Cylindrical roller bearings NU316-E-XL-TVP2 (Series NU3..-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 (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

d	80 mm
D	170 mm
B	39 mm
D ₁	143,9 mm
D _{a max}	158 mm
d _{a max}	99 mm
d _{a min}	92 mm
d _{b min}	105 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	0,7 mm	Axial displacement facility from central position
m	3,96 kg	Mass
C_r	300000 N	Basic dynamic load rating, radial
C_{0r}	275000 N	Basic static load rating, radial
C_{ur}	37500 N	Fatigue limit load, radial
n_G	4800 1/min	Limiting speed
$n_{\theta r}$	4100 1/min	Reference speed



