



## AMERICAN Timken BEARING MFG.CORP.



### 80 mm x 170 mm x 39 mm FAG NU316-E-TVP2 cylindrical roller bearings

Bearing No. NU316-E-TVP2

Size	80x170x39 mm
Bore Diameter	80 mm
Outer Diameter	170 mm
Width	39 mm
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
$r_{a \max}$	2,1 mm
$r_{a1 \max}$	2,1 mm
$r_{\min}$	2,1 mm
s	0,7 mm / Axial displacement facility from central position
m	3,96 kg / Weight
$C_r$	300000 N / Dynamic load rating (radial)
$C_{0r}$	275000 N / Static load rating (radial)
$n_G$	4800 1/min / Limiting speed

NU316-E-TVP2 Bearing 2D drawings and 3D CAD models



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$n_B$	4150 1/min / Reference speed
$C_{ur}$	37000 N / Fatigue limit load, radial