



# AMERICAN NTN BEARING CORP.



## 35 mm x 80 mm x 31 mm FAG NUP2307-E-TVP2 Cylindrical Roller Bearings

Bearing No. NUP2307-E-TVP2

NUP2307-E-TVP2 Bearing 2D drawings and 3D CAD models

|                    |   |
|--------------------|---|
| Size               | 35x80x31 mm                             |
| Bore Diameter      | 35 mm                                   |
| Outer Diameter     | 80 mm                                   |
| Width              | 31 mm                                   |
| d                  | 35 mm                                   |
| D                  | 80 mm                                   |
| B                  | 31 mm                                   |
| B <sub>3</sub>     | 5 mm                                    |
| D <sub>1</sub>     | 66,6 mm                                 |
| D <sub>a max</sub> | 71 mm                                   |
| d <sub>1</sub>     | 51 mm                                   |
| d <sub>a min</sub> | 42 mm                                   |
| d <sub>c min</sub> | 53 mm                                   |
| E                  | 70,2 mm                                 |
| F                  | 46,2 mm                                 |
| r <sub>1 min</sub> | 1,5 mm                                  |
| r <sub>a max</sub> | 1,5 mm                                  |
| r <sub>min</sub>   | 1,5 mm                                  |
| m                  | 0,751 kg / Weight                       |
| C <sub>r</sub>     | 108000 N / Dynamic load rating (radial) |
| C <sub>0r</sub>    | 98000 N / Static load rating (radial)   |
| n <sub>G</sub>     | 10900 1/min / Limiting speed            |



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|          |                              |
|----------|------------------------------|
| $n_B$    | 6700 1/min / Reference speed |
| $C_{ur}$ | 17600 N                      |