



## AST BEARING OF AMERICA CORP.



200 mm x 310 mm x 51 mm FAG NU1040-M1  
cylindrical roller bearings

Bearing No. NU1040-M1

|                     |  |
|---------------------|--|
| Size                | 200x310x51 mm  |
| Bore Diameter       | 200 mm   |
| Outer Diameter      | 310 mm   |
| Width               | 51 mm  |
| d                   | 200 mm   |
| D                   | 310 mm   |
| B                   | 51 mm  |
| D <sub>1</sub>      | 271,5 mm   |
| D <sub>a max</sub>  | 300 mm   |
| d <sub>a max</sub>  | 226 mm   |
| d <sub>a min</sub>  | 210 mm   |
| d <sub>b min</sub>  | 233 mm   |
| E                   | 281 mm   |
| F                   | 229 mm   |
| r <sub>1 min</sub>  | 2,1 mm   |
| r <sub>a max</sub>  | 2,1 mm   |
| r <sub>a1 max</sub> | 2,1 mm   |
| r <sub>min</sub>    | 2,1 mm   |
| s                   | 8,3 mm / Axial displacement facility from central position |
| m                   | 14,1 kg / Weight   |
| C <sub>r</sub>      | 470000 N / Dynamic load rating (radial)                    |
| C <sub>0r</sub>     | 600000 N / Static load rating                              |

NU1040-M1 Bearing 2D drawings and 3D CAD models



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|          |   |
|----------|---|
|          | (radial)                                |
| $n_G$    | 3550 1/min / Limiting speed             |
| $n_B$    | 2310 1/min                              |
| $C_{ur}$ | 70000 N / Fatigue limit load,<br>radial |