



# NTN BEARUNG DRIVESHAFT,INC.

480 mm x 700 mm x 100 mm NSK NU1096  
cylindrical roller bearings

Bearing No. NU1096



NU1096 Bearing 2D drawings and 3D CAD models

|                               |             |
|-------------------------------|-------------|
| Bore Diameter                 | 480 mm      |
| Outer Diameter                | 644 mm      |
| d                             | 480 mm      |
| Fw                            | 536 mm      |
| D                             | 700 mm      |
| Ew                            | 644 mm      |
| B                             | 100 mm      |
| C                             | 100 mm      |
| r min.                        | 6 mm        |
| r1 min.                       | 6 mm        |
| da min.                       | 506 mm      |
| ra max.                       | 5 mm        |
| rb max.                       | 5 mm        |
| Weight                        | 127 Kg      |
| Basic dynamic load rating (C) | 1620 kN     |
| Basic static load rating (C0) | 2860 kN     |
| (Grease) Lubrication Speed    | 750 r/min   |
| hidYobi                       | NU1096      |
| LangID                        | 1           |
| D_                            | 700         |
| B_                            | 100         |
| hidTable                      | ecat_NSCLDR |
| Oil rpm                       | 900         |
| rb                            | 5           |
| mass                          | 127         |



## NTN BEARUNG DRIVESHAFT,INC.

|            |           |
|------------|-----------|
| GRS rpm    | 750       |
| ra         | 5         |
| db max     | 531       |
| TSR rpm    | 900       |
| C0         | 2860      |
| DE_        | 644       |
| Prod_Type3 | CRB_SR_NU |
| DA_        | 54        |
| Z_         | 27        |
| D_a max    | 674       |
| yobi       | NU1096    |
| C_conv     | 1620000   |
| ALPHA_     | 0         |
| SDM_       | 590       |
| r          | 6         |
| db min     | 506       |
| dc min     | 541       |
| KBRG       | 4144      |
| SBRG       | 10        |
| r1         | 6         |
| DI_        | 536       |