



**100 mm x 150 mm x 24 mm SKF NU 1020 M thrust ball bearings**

Bearing No. NU 1020 M

|   |               |
|---|---------------|
| Size                                      | 150x100x24 mm |
| Bore Diameter                             | 150 mm        |
| Outer Diameter                            | 100 mm        |
| Width                                     | 24 mm         |
| d   | 100 mm        |
| D   | 150 mm        |
| B   | 24 mm         |
| D <sub>1</sub>                            | 131.4 mm      |
| F   | 113 mm        |
| r <sub>1,2</sub> - min.                   | 1.5 mm        |
| r <sub>3,4</sub> - min.                   | 1.1 mm        |
| s   | 3.5 mm        |
| d <sub>a</sub> - min.                     | 106 mm        |
| d <sub>a</sub> - max.                     | 111 mm        |
| d <sub>b</sub> - min.                     | 116 mm        |
| D <sub>a</sub> - max.                     | 143 mm        |
| r <sub>a</sub> - max.                     | 1.5 mm        |
| r <sub>b</sub> - max.                     | 1 mm          |
| Basic dynamic load rating - C             | 85.8 kN       |
| Basic static load rating - C <sub>0</sub> | 114 kN        |
| Fatigue load limit - P <sub>u</sub>       | 13.7 kN       |
| Reference speed                           | 5000 r/min    |
| Limiting speed                            | 5000 r/min    |
| Calculation factor - k <sub>r</sub>       | 0.1           |

NU 1020 M Bearing 2D drawings and 3D CAD models



## Timken MANUFACTURING (THAILAND)CO.,LTD.

|                                |          |
|--------------------------------|----------|
| $D_1$                          | 131.4 mm |
| $r_{1,2}$ min.                 | 1.5 mm   |
| $r_{3,4}$ min.                 | 1.1 mm   |
| s max.                         | 3.5 mm   |
| $d_a$ min.                     | 106 mm   |
| $d_a$ max.                     | 111 mm   |
| $d_b$ min.                     | 116 mm   |
| $D_a$ max.                     | 143 mm   |
| $r_a$ max.                     | 1.5 mm   |
| $r_b$ max.                     | 1 mm     |
| Basic dynamic load rating C    | 85.8 kN  |
| Basic static load rating $C_0$ | 114 kN   |
| Fatigue load limit $P_u$       | 13.7 kN  |
| Calculation factor $k_r$       | 0.1      |
| Limiting value e               | 0.2      |
| Axial load factor Y            | 0.6      |
| Mass bearing                   | 1.52 kg  |