



TUWK 15/16 LTA Bearing 2D drawings and 3D CAD models

**SKF TUWK 15/16 LTA bearing units**

Bearing No. TUWK 15/16 LTA

|   |                   |
|---|-------------------|
| Size                                      | 23.812x27.5x12 mm |
| Bore Diameter                             | 23,812 mm         |
| Outer Diameter                            | 27,5 mm           |
| Width                                     | 12 mm             |
| d   | 23.812 mm         |
| A   | 27.5 mm           |
| A <sub>1</sub>                            | 12 mm             |
| A <sub>2</sub>                            | 24.5 mm           |
| A <sub>5</sub>                            | 22.3 mm           |
| B   | 34.1 mm           |
| H   | 89 mm             |
| H <sub>1</sub>                            | 76 mm             |
| H <sub>2</sub>                            | 36 mm             |
| L   | 99 mm             |
| L <sub>1</sub>                            | 64 mm             |
| L <sub>3</sub>                            | 46 mm             |
| G   | M16               |
| G <sub>1</sub>                            | 21 mm             |
| s <sub>1</sub>                            | 19.8 mm           |
| Basic dynamic load rating - C             | 14 kN             |
| Basic static load rating - C <sub>0</sub> | 7.8 kN            |
| Fatigue load limit - P <sub>u</sub>       | 0.335 kN          |
| Limiting speed with shaft tolerance h6    | 7000 r/min        |
|   |                   |



## NTN Machinery Manufacturing Co., Ltd

|   |                                    |
|---|------------------------------------|
| Mass bearing unit                                 | 0.38 kg                            |
| Grub (set) screw - G <sub>2</sub> -<br>1/4-28 UNF | 1/428 UNF                          |
| Hexagonal key size for grub<br>screw - H          | 3.175 mm                           |
| Recommended tightening<br>torque for grub screw   | 4 N · m                            |
| Housing   | TUWK 505 L                         |
| Bearing - YAR<br>205-015-2RF/VE495                | YAR 2050152RF/VE495                |
| Housing material                                  | Composite for food and<br>beverage |
| A <sub>1</sub>                                    | 12 mm                              |
| A <sub>2</sub>                                    | 24.5 mm                            |
| A <sub>5</sub>                                    | 22.3 mm                            |
| B <sub>4</sub>                                    | 5 mm                               |
| H <sub>1</sub>                                    | 76 mm                              |
| H <sub>2</sub>                                    | 36 mm                              |
| L <sub>1</sub>                                    | 64 mm                              |
| L <sub>3</sub>                                    | 46 mm                              |
| G <sub>1</sub>                                    | 21 mm                              |
| s <sub>1</sub>                                    | 19.8 mm                            |
| Basic dynamic load rating C                       | 14 kN                              |
| Basic static load rating C <sub>0</sub>           | 7.8 kN                             |
| Fatigue load limit P <sub>u</sub>                 | 0.335 kN                           |
| Grub (set) screw G <sub>2</sub>                   | 1/4-28 UNF                         |
| Hexagonal key size for grub<br>screw N            | 3.175 mm                           |
| Bearing   | YAR 205-015-2RF/VE495              |