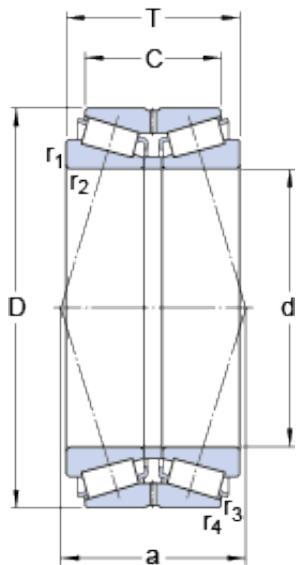




# BEARING USA CORP.

## SKF 331780 A tapered roller bearings

Bearing No. 331780 A



331780 A Bearing 2D drawings and 3D CAD models

|   |                      |
|---|----------------------|
| Size  | 965.2x762x187.325 mm |
| Bore Diameter                                   | 965,2 mm             |
| Outer Diameter                                  | 762 mm               |
| Width   | 187,325 mm           |
| d   | 762 mm               |
| D   | 965.2 mm             |
| T   | 187.325 mm           |
| C   | 133.35 mm            |
| r <sub>1,2</sub> - min.                         | 6.4 mm               |
| r <sub>3,4</sub> - min.                         | 1.5 mm               |
| a   | 316 mm               |
| Basic dynamic load rating - C                   | 3580 kN              |
| Basic static load rating - C <sub>0</sub>       | 9800 kN              |
| Fatigue load limit - P <sub>u</sub>             | 670 kN               |
| Comparative radial load rating - C <sub>F</sub> | 865 kN               |
| Comparative axial load rating - C <sub>Fa</sub> | 338 kN               |
| Thrust factor - K                               | 1.45                 |
| Calculation factor - e                          | 0.4                  |
| Calculation factor - Y <sub>1</sub>             | 1.7                  |
| Calculation factor - Y <sub>2</sub>             | 2.5                  |
| Calculation factor - Y <sub>0</sub>             | 1.6                  |
| Mass bearing                                    | 290 kg               |
| Design variant/feature                          | TDO/D                |



## BEARING USA CORP.

|  |         |
|--|---------|
| $d_1$                                  | 853 mm  |
| $D_1$                                  | 924 mm  |
| $r_{1,2}$ min.                         | 6.4 mm  |
| $r_{3,4}$ min.                         | 1.5 mm  |
| Basic dynamic load rating C            | 3580 kN |
| Basic static load rating $C_0$         | 9800 kN |
| Fatigue load limit $P_u$               | 670 kN  |
| Calculation factor e                   | 0.4     |
| Calculation factor $Y_1$               | 1.7     |
| Calculation factor $Y_2$               | 2.5     |
| Calculation factor $Y_0$               | 1.6     |
| Comparative radial load rating $C_F$   | 865 kN  |
| Comparative axial load rating $C_{Fa}$ | 338 kN  |
| Thrust factor K                        | 1.45    |