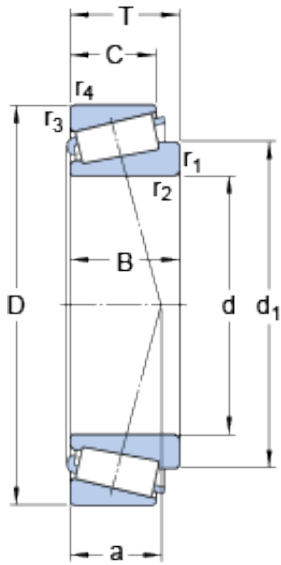




# SKF DRIVESHAFT CORP



520.7 mm x 736.6 mm x 81.758 mm skf EE  
982051/982900 Single row tapered roller bearings

Bearing No. EE 982051/982900

EE 982051/982900 Bearing 2D drawings and 3D CAD models

|   |                     |
|---|---------------------|
| Size                                      | 736.6x520.7x88.9 mm |
| Bore Diameter                             | 736,6 mm            |
| Outer Diameter                            | 520,7 mm            |
| Width                                     | 88,9 mm             |
| d   | 520.7 mm            |
| D   | 736.6 mm            |
| T   | 88.9 mm             |
| d <sub>1</sub>                            | 617.072 mm          |
| B   | 81.758 mm           |
| C   | 53.975 mm           |
| r <sub>1,2</sub> - min.                   | 6.4 mm              |
| r <sub>3,4</sub> - min.                   | 3.3 mm              |
| a   | 134 mm              |
| d <sub>a</sub> - max.                     | 575 mm              |
| d <sub>b</sub> - min.                     | 553 mm              |
| D <sub>a</sub> - min.                     | 668 mm              |
| D <sub>a</sub> - max.                     | 720 mm              |
| D <sub>b</sub> - min.                     | 692 mm              |
| C <sub>a</sub> - min.                     | 10 mm               |
| C <sub>b</sub> - min.                     | 34.5 mm             |
| r <sub>a</sub> - max.                     | 6 mm                |
| r <sub>b</sub> - max.                     | 3.1 mm              |
| Basic dynamic load rating - C             | 1650 kN             |
| Basic static load rating - C <sub>0</sub> | 3350 kN             |
|   |                     |



## SKF DRIVESHAFT CORP

|                                |            |
|--------------------------------|------------|
| Fatigue load limit - $P_u$     | 250 kN     |
| Reference speed                | 530 r/min  |
| Limiting speed                 | 750 r/min  |
| Calculation factor - e         | 0.48       |
| Calculation factor - Y         | 1.25       |
| Calculation factor - $Y_0$     | 0.7        |
| Dimension series               | EE 980000  |
| $d_1$                          | 617.072 mm |
| $r_{1,2}$ min.                 | 6.4 mm     |
| $r_{3,4}$ min.                 | 3.3 mm     |
| $d_a$ max.                     | 575 mm     |
| $d_b$ min.                     | 553 mm     |
| $D_a$ min.                     | 668 mm     |
| $D_a$ max.                     | 720 mm     |
| $D_b$ min.                     | 692 mm     |
| $C_a$ min.                     | 10 mm      |
| $C_b$ min.                     | 34.5 mm    |
| $r_a$ max.                     | 6 mm       |
| $r_b$ max.                     | 3.1 mm     |
| Basic dynamic load rating C    | 1650 kN    |
| Basic static load rating $C_0$ | 3350 kN    |
| Fatigue load limit $P_u$       | 250 kN     |
| Calculation factor e           | 0.48       |
| Calculation factor Y           | 1.25       |
| Calculation factor $Y_0$       | 0.7        |
| Mass bearing                   | 100 kg     |