



Bearing No. BT2B 328383/HA1

|                               |                 |
|-------------------------------|-----------------|
| a                             | 205 mm          |
| d                             | 300 mm          |
| D                             | 500 mm          |
| T                             | 203 mm          |
| C                             | 152 mm          |
| Size (mm)                     | 500x300x203     |
| Width (mm)                    | 203             |
| Mass bearing                  | 140 kg          |
| Bearing number                | BT2B 328383/HA1 |
| Thrust factor K               | 1.43            |
| Thrust factor - K             | 1.43            |
| Bore Diameter (mm)            | 500             |
| Outer Diameter (mm)           | 300             |
| Calculation factor e          | 0.4             |
| $r_{3,4}$ min.                | 1.5 mm          |
| $r_{1,2}$ min.                | 5 mm            |
| $d_1$ ?                       | 387 mm          |
| $D_1$ ?                       | 465 mm          |
| $r_{1,2}$ - min.              | 5 mm            |
| Design variant/feature        | TDO/D2          |
| $r_{3,4}$ - min.              | 1.5 mm          |
| Calculation factor - e        | 0.4             |
| Basic dynamic load rating C   | 2992 kN         |
| Basic dynamic load rating - C | 2810 kN         |
| Fatigue load limit $P_u$      | 425 kN          |
| Calculation factor $Y_0$      | 1.6             |
| Calculation factor $Y_2$      | 2.5             |
| Calculation factor $Y_1$      | 1.7             |
| Calculation factor - $Y_0$    | 1.6             |

|                                             |         |
|---------------------------------------------|---------|
| Calculation factor - $Y_1$                  | 1.7     |
| Calculation factor - $Y_2$                  | 2.5     |
| Fatigue load limit - $P_u$                  | 430 kN  |
| Basic static load rating<br>$C_0$           | 5100 kN |
| Basic static load rating -<br>$C_0$         | 5100 kN |
| Comparative radial load<br>rating $C_F$     | 735 kN  |
| Comparative axial load<br>rating $C_{Fa}$   | 297 kN  |
| Comparative radial load<br>rating - $C_F$   | 695 kN  |
| Comparative axial load<br>rating - $C_{Fa}$ | 280 kN  |