



**Bearing No. 230/850 CA/W33**

|                             |                |
|-----------------------------|----------------|
| K                           | 12 mm          |
| d                           | 850 mm         |
| D                           | 1220 mm        |
| B                           | 272 mm         |
| b                           | 22.3 mm        |
| Size (mm)                   | 1220x850x272   |
| Width (mm)                  | 272            |
| Mass bearing                | 1050 kg        |
| d <sub>2</sub>              | 972 mm         |
| D <sub>1</sub>              | 1117 mm        |
| Limiting speed              | 450 r/min      |
| Bearing number              | 230/850 CA/W33 |
| Reference speed             | 240 r/min      |
| r <sub>a</sub> max.         | 6 mm           |
| D <sub>a</sub> max.         | 1192 mm        |
| Bore Diameter (mm)          | 1220           |
| d <sub>a</sub> min.         | 878 mm         |
| Outer Diameter (mm)         | 850            |
| d <sub>a</sub> - min.       | 878 mm         |
| D <sub>a</sub> - max.       | 1192 mm        |
| r <sub>a</sub> - max.       | 6 mm           |
| Calculation factor e        | 0.2            |
| r <sub>1,2</sub> min.       | 7.5 mm         |
| D <sub>1</sub> ?            | 1117 mm        |
| d <sub>2</sub> ?            | 972 mm         |
| Calculation factor - e      | 0.2            |
| r <sub>1,2</sub> - min.     | 7.5 mm         |
| Basic dynamic load rating C | 11291 kN       |
| Basic dynamic load          | 11291 kN       |

|                                     |          |
|-------------------------------------|----------|
| rating - C                          |          |
| Fatigue load limit $P_u$            | 1250 kN  |
| Calculation factor $Y_1$            | 3.4      |
| Calculation factor $Y_2$            | 5        |
| Calculation factor $Y_0$            | 3.2      |
| Calculation factor - $Y_0$          | 3.2      |
| Calculation factor - $Y_2$          | 5        |
| Calculation factor - $Y_1$          | 3.4      |
| Fatigue load limit - $P_u$          | 1250 kN  |
| Basic static load rating<br>$C_0$   | 21600 kN |
| Basic static load rating -<br>$C_0$ | 21600 kN |