



Bearing No. 248/1500 CAK30FA/W20

|                                   |                         |
|-----------------------------------|-------------------------|
| K                                 | 12 mm                   |
| d                                 | 1500 mm                 |
| D                                 | 1820 mm                 |
| B                                 | 315 mm                  |
| Size (mm)                         | 1820x1500x315           |
| Width (mm)                        | 315                     |
| Mass bearing                      | 1680 kg                 |
| d <sub>2</sub>                    | 1612 mm                 |
| D <sub>1</sub>                    | 1719 mm                 |
| Limiting speed                    | 220 r/min               |
| Bearing number                    | 248/1500<br>CAK30FA/W20 |
| Reference speed                   | 110 r/min               |
| r <sub>a</sub> max.               | 6 mm                    |
| D <sub>a</sub> max.               | 1792 mm                 |
| Bore Diameter (mm)                | 1820                    |
| Outer Diameter (mm)               | 1500                    |
| d <sub>a</sub> - min.             | 1516 mm                 |
| D <sub>a</sub> - max.             | 1792 mm                 |
| r <sub>a</sub> - max.             | 6 mm                    |
| Calculation factor e              | 0.15                    |
| r <sub>1,2</sub> min.             | 7.5 mm                  |
| D <sub>1</sub> ?                  | 1719 mm                 |
| d <sub>2</sub> ?                  | 1612 mm                 |
| Calculation factor - e            | 0.15                    |
| r <sub>1,2</sub> - min.           | 7.5 mm                  |
| Basic dynamic load rating C       | 14684 kN                |
| Basic dynamic load rating - C     | 14684 kN                |
| Fatigue load limit P <sub>u</sub> | 2400 kN                 |

|                                     |          |
|-------------------------------------|----------|
| Calculation factor $Y_1$            | 4.5      |
| Calculation factor $Y_2$            | 6.7      |
| Calculation factor $Y_0$            | 4.5      |
| Calculation factor - $Y_0$          | 4.5      |
| Calculation factor - $Y_2$          | 6.7      |
| Calculation factor - $Y_1$          | 4.5      |
| Fatigue load limit - $P_u$          | 2400 kN  |
| Basic static load rating<br>$C_0$   | 45000 kN |
| Basic static load rating -<br>$C_0$ | 45000 kN |