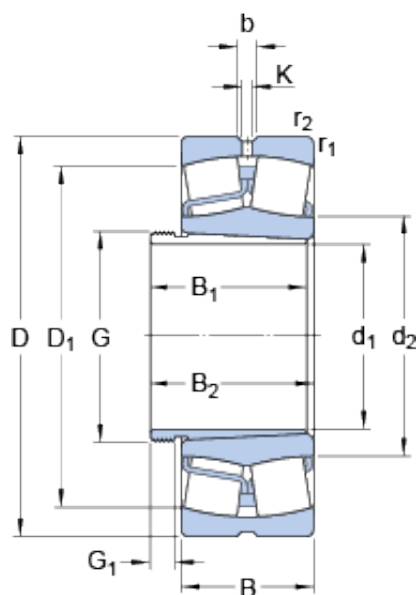




Bearing No. 22318 EK + AHX 2318

|                       |                     |
|-----------------------|---------------------|
| D                     | 190 mm              |
| B                     | 64 mm               |
| b                     | 11.1 mm             |
| K                     | 6 mm                |
| G                     | M 100x2             |
| Size (mm)             | 190x85x64           |
| Width (mm)            | 64                  |
| d <sub>2</sub>        | 113 mm              |
| G <sub>1</sub>        | 100 mm              |
| G <sub>1</sub>        | 14 mm               |
| B <sub>1</sub>        | 79 mm               |
| d <sub>1</sub>        | 85 mm               |
| D <sub>1</sub>        | 161 mm              |
| B <sub>1</sub>        | 79 mm               |
| d <sub>1</sub>        | 85 mm               |
| Bearing number        | 22318 EK + AHX 2318 |
| Limiting speed        | 3600 r/min          |
| Reference speed       | 2600 r/min          |
| D <sub>a</sub> max.   | 176 mm              |
| r <sub>a</sub> max.   | 2.5 mm              |
| d <sub>a</sub> min.   | 98 mm               |
| Bore Diameter (mm)    | 190                 |
| Outer Diameter (mm)   | 85                  |
| r <sub>a</sub> - max. | 2.5 mm              |
| Calculation factor e  | 0.33                |
| D <sub>a</sub> - max. | 176 mm              |
| d <sub>a</sub> - min. | 98 mm               |
| r <sub>1,2</sub> min. | 3 mm                |
| B <sub>2</sub> ?      | 83 mm               |
|                       |                     |

|                                  |        |
|----------------------------------|--------|
| $D_1$ ?                          | 161 mm |
| $d_2$ ?                          | 113 mm |
| Mass bearing + sleeve            | 9.5 kg |
| $r_{1,2}$ - min.                 | 3 mm   |
| Calculation factor - e           | 0.33   |
| Basic dynamic load rating C      | 637 kN |
| Basic dynamic load rating - C    | 637 kN |
| Fatigue load limit $P_u$         | 67 kN  |
| Calculation factor $Y_1$         | 2      |
| Calculation factor $Y_2$         | 3      |
| Calculation factor $Y_0$         | 2      |
| Calculation factor - $Y_2$       | 3      |
| Calculation factor - $Y_1$       | 2      |
| Fatigue load limit - $P_u$       | 67 kN  |
| Basic static load rating $C_0$   | 695 kN |
| Basic static load rating - $C_0$ | 695 kN |