



Bearing No. M 268749/710

|                       |                      |
|-----------------------|----------------------|
| a                     | 104 mm               |
| d                     | 415.925 mm           |
| D                     | 590.55 mm            |
| T                     | 114.3 mm             |
| B                     | 114.3 mm             |
| C                     | 88.9 mm              |
| Size (mm)             | 590.55x415.925x114.3 |
| Width (mm)            | 114,3                |
| Mass bearing          | 120 kg               |
| d <sub>1</sub>        | 497.5 mm             |
| Limiting speed        | 1000 r/min           |
| Bearing number        | M 268749/710         |
| Reference speed       | 670 r/min            |
| Dimension series      | M 268700             |
| D <sub>b</sub> min.   | 563 mm               |
| D <sub>a</sub> min.   | 532 mm               |
| d <sub>b</sub> min.   | 448 mm               |
| d <sub>a</sub> max.   | 453 mm               |
| C <sub>a</sub> min.   | 17 mm                |
| C <sub>b</sub> min.   | 25 mm                |
| r <sub>a</sub> max.   | 6 mm                 |
| r <sub>b</sub> max.   | 6 mm                 |
| Bore Diameter (mm)    | 590,55               |
| D <sub>a</sub> max.   | 558 mm               |
| Outer Diameter (mm)   | 415,925              |
| Calculation factor e  | 0.33                 |
| Calculation factor Y  | 1.8                  |
| r <sub>b</sub> - max. | 6 mm                 |
| r <sub>a</sub> - max. | 6 mm                 |
| C <sub>b</sub> - min. | 25 mm                |

|                                  |          |
|----------------------------------|----------|
| $C_a$ - min.                     | 17 mm    |
| $D_b$ - min.                     | 563 mm   |
| $D_a$ - max.                     | 558 mm   |
| $r_{1,2}$ min.                   | 6.4 mm   |
| $r_{3,4}$ min.                   | 6.4 mm   |
| $D_a$ - min.                     | 532 mm   |
| $d_b$ - min.                     | 448 mm   |
| $d_a$ - max.                     | 453 mm   |
| $d_1$ ?                          | 497.5 mm |
| $r_{3,4}$ - min.                 | 6.4 mm   |
| $r_{1,2}$ - min.                 | 6.4 mm   |
| Calculation factor - Y           | 1.8      |
| Calculation factor - e           | 0.33     |
| Basic dynamic load rating C      | 2120 kN  |
| Basic dynamic load rating - C    | 2120 kN  |
| Fatigue load limit $P_u$         | 365 kN   |
| Calculation factor $Y_0$         | 1        |
| Calculation factor - $Y_0$       | 1        |
| Fatigue load limit - $P_u$       | 365 kN   |
| Basic static load rating $C_0$   | 4800 kN  |
| Basic static load rating - $C_0$ | 4800 kN  |