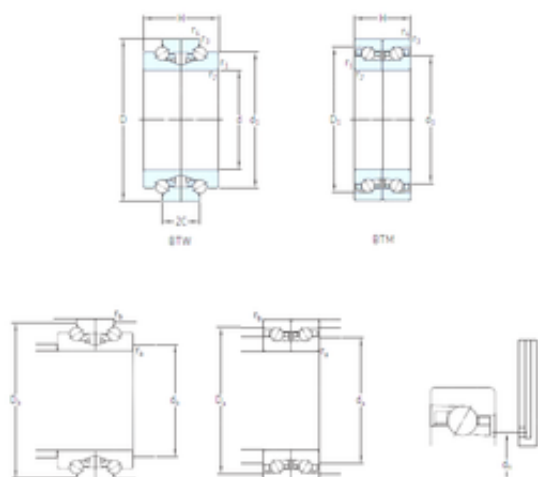




Bearing No. BTM 160 BM/P4CDB

|                     |                  |
|---------------------|------------------|
| D                   | 240 mm           |
| d                   | 160 mm           |
| B                   | 36 mm            |
| C                   | 36 mm            |
| H                   | 72 mm            |
| d1                  | 196,8 mm         |
| dh                  | 192 mm           |
| D1                  | 209,2 mm         |
| Weight              | 12 Kg            |
| r4 min.             | 1,1 mm           |
| Da max.             | 234 mm           |
| da min.             | 171 mm           |
| r2 min.             | 2,1 mm           |
| r3 min.             | 1,1 mm           |
| r1 min.             | 2,1 mm           |
| rb max.             | 1 mm             |
| ra max.             | 2 mm             |
| Size (mm)           | 160x240x36       |
| Width (mm)          | 36               |
| Mass bearing        | 11.8 kg          |
| D <sub>1</sub>      | 219.6 mm         |
| d <sub>n</sub>      | 191.6 mm         |
| d <sub>1</sub>      | 196.8 mm         |
| Bearing number      | BTM 160 BM/P4CDB |
| Preload class A     | 1500 N           |
| Preload class B     | 4500 N           |
| d <sub>a</sub> min. | 171 mm           |
| D <sub>a</sub> max. | 234 mm           |
| r <sub>a</sub> max. | 2 mm             |
| r <sub>b</sub> max. | 1 mm             |
|                     |                  |

|                                          |                    |
|------------------------------------------|--------------------|
| Bore Diameter (mm)                       | 160                |
| Outer Diameter (mm)                      | 240                |
| $r_{1,2}$ min.                           | 2.1 mm             |
| $r_{3,4}$ min.                           | 1.1 mm             |
| (Oil) Lubrication Speed                  | 4 500 r/min        |
| (Grease) Lubrication Speed               | 3 400 r/min        |
| Basic dynamic load rating C              | 114 kN             |
| Basic static load rating (C0)            | 290 kN             |
| Basic dynamic load rating (C)            | 114 kN             |
| Fatigue load limit $P_u$                 | 8.8 kN             |
| Static axial stiffness for preload A     | 882 N/ $\mu$ m     |
| Static axial stiffness for preload B     | 1331 N/ $\mu$ m    |
| Basic static load rating $C_0$           | 290 kN             |
| Attainable speed for grease lubrication  | 3400 r/min         |
| Attainable speed for oil-air lubrication | 4500 r/min         |
| Reference grease quantity $G_{ref}$      | 94 cm <sup>3</sup> |