



Bearing No. BTM 140 BM/P4CDB

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| D | 210 mm |
| d | 140 mm |
| H | 63 mm |
| Size (mm) | 140x210x63 |
| Width (mm) | 63 |
| Mass bearing | 7.85 kg |
| d_n | 168.3 mm |
| d_n | 168.3 mm |
| D_1 | 192.1 mm |
| d_1 | 172.6 mm |
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| d_1 | 172.6 mm |
| Bearing number | BTM 140 BM/P4CDB |
| Preload class A | 1050 N |
| G_{ref} | 62 cm |
| Preload class B | 3150 N |
| Bore Diameter (mm) | 140 |
| r_b max. | 1 mm |
| r_a max. | 2 mm |
| D_a max. | 205 mm |
| d_a min. | 151 mm |
| Outer Diameter (mm) | 210 |
| $r_{3,4}$ min. | 1 mm |
| r_a - max. | 2 mm |
| D_a - max. | 205 mm |
| $r_{1,2}$ min. | 2.1 mm |
| d_a - min. | 151 mm |
| r_b - max. | 1 mm |
| $r_{3,4}$ - min. | 1 mm |
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| $r_{1,2}$ - min. | 2.1 mm |
| Basic dynamic load rating C | 86.5 kN |
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| Fatigue load limit P_u | 6.95 kN |
| Fatigue load limit - P_u | 7 kN |
| Limiting speed for oil lubrication | 5100 mm/min |
| Static axial stiffness for preload A | 739 N/ μ m |
| Static axial stiffness for preload B | 1113 N/ μ m |
| Limiting speed for grease lubrication | 3900 r/min |
| Static Axial rigidity, Preload class A | 739 N/micron |
| Basic static load rating C_0 | 216 kN |
| Static Axial rigidity, Preload class B | 1113 N/micron |
| Attainable speed for grease lubrication | 3900 r/min |
| Basic static load rating - C_0 | 216 kN |
| Attainable speed for oil-air lubrication | 5100 r/min |
| Reference grease quantity G_{ref} | 62 cm ³ |