



Bearing No. BTM 70 BTN9/HCP4CDB

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|---------------------|------------------------|
| D | 110 mm |
| d | 70 mm |
| B | 18 mm |
| C | 18 mm |
| H | 36 mm |
| d1 | 88,55 mm |
| dh | 86 mm |
| D1 | 94,9 mm |
| Weight | 1,15 Kg |
| r4 min. | 0,6 mm |
| Da max. | 106 mm |
| da min. | 76 mm |
| r2 min. | 1,1 mm |
| r3 min. | 0,6 mm |
| r1 min. | 1,1 mm |
| rb max. | 0,6 mm |
| ra max. | 1 mm |
| Size (mm) | 70x110x18 |
| Width (mm) | 18 |
| Mass bearing | 1.15 kg |
| D ₁ | 100.2 mm |
| d _n | 86.1 mm |
| d ₁ | 88.55 mm |
| Bearing number | BTM 70 BTN9/HCP4CDB |
| Preload class A | 350 N |
| Preload class B | 1050 N |
| d _a min. | 76 mm |
| D _a max. | 106 mm |
| r _a max. | 1 mm |
| | |

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|--|--------------------|
| r_b max. | 0.6 mm |
| Bore Diameter (mm) | 70 |
| Outer Diameter (mm) | 110 |
| $r_{1,2}$ min. | 1.1 mm |
| $r_{3,4}$ min. | 0.6 mm |
| (Oil) Lubrication Speed | 11 300 r/min |
| (Grease) Lubrication Speed | 9 500 r/min |
| Basic dynamic load rating C | 32 kN |
| Basic static load rating (C0) | 67 kN |
| Basic dynamic load rating (C) | 32 kN |
| Fatigue load limit P_u | 2.85 kN |
| Static axial stiffness for preload A | 432 N/ μ m |
| Static axial stiffness for preload B | 651 N/ μ m |
| Basic static load rating C_0 | 67 kN |
| Attainable speed for grease lubrication | 9500 r/min |
| Attainable speed for oil-air lubrication | 11300 r/min |
| Reference grease quantity G_{ref} | 11 cm ³ |