



Bearing No. 7072 BGM

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|-----------------------|------------|
| a | 230 mm |
| d | 360 mm |
| D | 540 mm |
| B | 82 mm |
| Size (mm) | 540x360x82 |
| Width (mm) | 82 |
| Mass bearing | 61.8 kg |
| d ₁ | 431.205 mm |
| d ₂ | 398.625 mm |
| D ₁ | 472.5 mm |
| Limiting speed | 1200 r/min |
| Bearing number | 7072 BGM |
| Reference speed | 1200 r/min |
| d _a min. | 378 mm |
| D _a max. | 522 mm |
| D _b max. | 531 mm |
| Bore Diameter (mm) | 540 |
| r _a max. | 4 mm |
| r _b max. | 2 mm |
| Outer Diameter (mm) | 360 |
| r _{3,4} min. | 2 mm |
| r _{1,2} min. | 5 mm |
| Calculation factor A | 11.3 |
| Calculation factor e | 1.14 |
| Calculation factor X | 0.57 |
| r _b - max. | 2 mm |
| r _a - max. | 4 mm |
| D _b - max. | 531 mm |
| D _a - max. | 522 mm |
| d _a - min. | 378 mm |

| | |
|----------------------------------|------------|
| D_1 ? | 472.5 mm |
| d_1 ? | 431.205 mm |
| d_2 ? | 398.625 mm |
| $r_{1,2}$ - min. | 5 mm |
| $r_{3,4}$ - min. | 2 mm |
| Calculation factor - X | 0.35 |
| Calculation factor - e | 1.14 |
| Basic dynamic load rating C | 462 kN |
| Basic dynamic load rating - C | 462 kN |
| Calculation factor k_r | 0.083 |
| Calculation factor Y_0 | 0.52 |
| Calculation factor Y_2 | 0.93 |
| Calculation factor Y_1 | 0.55 |
| Fatigue load limit P_u | 17 kN |
| Calculation factor - Y_0 | 0.26 |
| Calculation factor - Y_1 | |
| Calculation factor - k_a | 0.9 |
| Calculation factor - k_r | 0.083 |
| Calculation factor - Y_2 | 0.57 |
| Fatigue load limit - P_u | 17 kN |
| Basic static load rating C_0 | 850 kN |
| Basic static load rating - C_0 | 850 kN |