



SKF NU 424 M thrust ball bearings

Bearing No. NU 424 M

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|---|---------------|
| Size | 310x120x72 mm |
| Bore Diameter | 310 mm |
| Outer Diameter | 120 mm |
| Width | 72 mm |
| d | 120 mm |
| D | 310 mm |
| B | 72 mm |
| D ₁ | 238.5 mm |
| F | 170 mm |
| r _{1,2} - min. | 5 mm |
| r _{3,4} - min. | 5 mm |
| s | 6.3 mm |
| d _a - min. | 144 mm |
| d _a - max. | 165 mm |
| d _b - min. | 173 mm |
| D _a - max. | 286 mm |
| r _a - max. | 4 mm |
| r _b - max. | 4 mm |
| Basic dynamic load rating - C | 693 kN |
| Basic static load rating - C ₀ | 800 kN |
| Fatigue load limit - P _u | 85 kN |
| Reference speed | 2400 r/min |
| Limiting speed | 2800 r/min |
| Calculation factor - k _r | 0.15 |
| D ₁ | 238.5 mm |

NU 424 M Bearing 2D drawings and 3D CAD models



OMF Heavy Bearing Manufacturing Co.,Ltd

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|--------------------------------|---------|
| $r_{1,2}$ min. | 5 mm |
| $r_{3,4}$ min. | 5 mm |
| s max. | 6.3 mm |
| d_a min. | 144 mm |
| d_a max. | 165 mm |
| d_b min. | 173 mm |
| D_a max. | 286 mm |
| r_a max. | 4 mm |
| r_b max. | 4 mm |
| Basic dynamic load rating C | 693 kN |
| Basic static load rating C_0 | 800 kN |
| Fatigue load limit P_u | 85 kN |
| Calculation factor k_f | 0.15 |
| Limiting value e | 0.2 |
| Axial load factor Y | 0.6 |
| Mass bearing | 30.3 kg |