

Ultra High-Speed Angular Contact Ball Bearings

BER Series Ultra High-Speed Angular Contact Ball Bearings-50BER19S



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| Bearing NO. | 50BER19S |
| Boundary Dimensions (mm) | |
| d | 50 |
| D | 72 |
| B | 12 |
| r (min.) | 0.6 |
| r1 (min.) | 0.3 |
| Basic Load Ratings (kN) | |
| Cr (Dynamic) | 12.3 |
| C0r (Static) | 9.35 |
| Permissible Axial Load (1) (kN) | 16.3 |
| Effective Load Center (mm) a | 20.2 |
| Sealed Design | |
| Limiting Speeds (2) (min ⁻¹) | |
| Grease | 19700 |
| Oil | 27900 |
| Mass (kg) | 0.127 |