

Ultra High-Speed Angular Contact Ball Bearings

BER Series Ultra High-Speed Angular Contact Ball Bearings-100BER19H



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| Bearing NO. | 100BER19H |
| Boundary Dimensions (mm) | |
| d | 100 |
| D | 140 |
| B | 20 |
| r (min.) | 1.1 |
| r1 (min.) | 0.6 |
| Basic Load Ratings (kN) | |
| Cr (Dynamic) | 36 |
| C0r (Static) | 33.5 |
| Permissible Axial Load (1) (kN) | 40 |
| Effective Load Center (mm) a | 38 |
| Sealed Design | |
| Limiting Speeds (2) (min ⁻¹) | |
| Grease | 13400 |
| Oil | 20900 |
| Mass (kg) | 0.673 |