

Ultra High-Speed Angular Contact Ball Bearings

BER Series Ultra High-Speed Angular Contact Ball Bearings-**85BER19S**

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| Bearing NO. | 85BER19S |
| Boundary Dimensions (mm) | |
| d | 85 |
| D | 120 |
| B | 18 |
| r (min.) | 1.1 |
| r1 (min.) | 0.6 |
| Basic Load Ratings (kN) | |
| Cr (Dynamic) | 28.1 |
| C0r (Static) | 25.2 |
| Permissible Axial Load (1) (kN) | 35.5 |
| Effective Load Center (mm) a | 32.9 |
| Sealed Design | |
| Limiting Speeds (2) (min ⁻¹) | |
| Grease | 11800 |
| Oil | 16600 |
| Mass (kg) | 0.527 |