

## Ultra High-Speed Angular Contact Ball Bearings

### BER Series Ultra High-Speed Angular Contact Ball Bearings-120BER19S



|  |                  |
|--|------------------|
| Bearing NO.                              | <b>120BER19S</b> |
| Boundary Dimensions (mm)                 |                  |
| d  | <b>120</b>       |
| D  | 165              |
| B  | 22               |
| r (min.)                                 | 1.1              |
| r1 (min.)                                | 0.6              |
| Basic Load Ratings (kN)                  |                  |
| Cr (Dynamic)                             | 51.5             |
| C0r (Static)                             | 50               |
| Permissible Axial Load (1) (kN)          | 88               |
| Effective Load Center (mm) a             | 44.2             |
| Sealed Design                            | -                |
| Limiting Speeds (2) (min <sup>-1</sup> ) |                  |
| Grease                                   | 8500             |
| Oil                                      | 12000            |
| Mass (kg)                                | 1.124            |