

## Ultra High-Speed Angular Contact Ball Bearings

### BER Series Ultra High-Speed Angular Contact Ball Bearings-40BER19S



|  |                 |
|--|-----------------|
| Bearing NO.                              | <b>40BER19S</b> |
| Boundary Dimensions (mm)                 |                 |
| d  | <b>40</b>       |
| D  | 62              |
| B  | 12              |
| r (min.)                                 | 0.6             |
| r1 (min.)                                | 0.3             |
| Basic Load Ratings (kN)                  |                 |
| Cr (Dynamic)                             | 11              |
| C0r (Static)                             | 7.35            |
| Permissible Axial Load (1) (kN)          | 12.8            |
| Effective Load Center (mm) a             | 17.9            |
| Sealed Design                            |                 |
| Limiting Speeds (2) (min <sup>-1</sup> ) |                 |
| Grease                                   | 23600           |
| Oil                                      | 33400           |
| Mass (kg)                                | 0.105           |