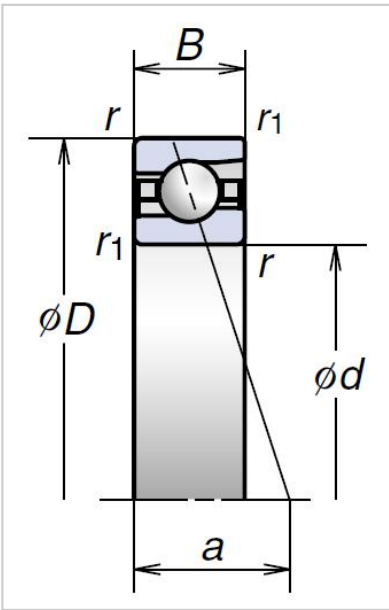


## Ultra High-Speed Angular Contact Ball Bearings

### BNR Series Ultra High-Speed Angular Contact Ball Bearings-75BNR19S



|  |                 |
|--|-----------------|
| Bearing NO.                              | <b>75BNR19S</b> |
| Boundary Dimensions (mm)                 |                 |
| d  | <b>75</b>       |
| D  | 105             |
| B  | 16              |
| r (min.)                                 | <b>1</b>        |
| r1 (min.)                                | 0.6             |
| Basic Load Ratings (kN)                  |                 |
| Cr (Dynamic)                             | 21.6            |
| C0r (Static)                             | <b>19</b>       |
| Permissible Axial Load (1) (kN)          | 27.5            |
| Effective Load Center (mm) a             | 22.6            |
| Sealed Design                            |                 |
| Limiting Speeds (2) (min <sup>-1</sup> ) |                 |
| Grease                                   | 15600           |
| Oil                                      | 22300           |
| Mass (kg)                                | 0.348           |