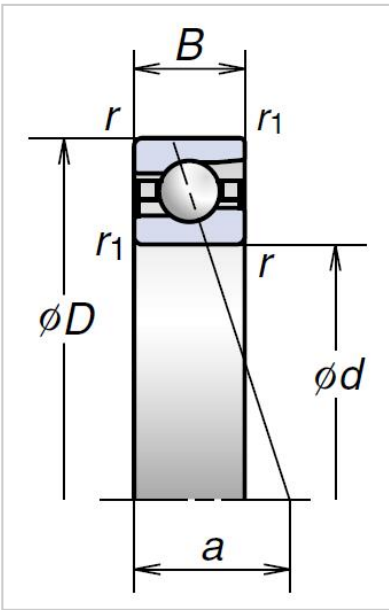


## Ultra High-Speed Angular Contact Ball Bearings

### BNR Series Ultra High-Speed Angular Contact Ball Bearings-55BNR19X



|  |                 |
|--|-----------------|
| Bearing NO.                              | <b>55BNR19X</b> |
| Boundary Dimensions (mm)                 |                 |
| d  | <b>55</b>       |
| D  | 80              |
| B  | 13              |
| r (min.)                                 | <b>1</b>        |
| r1 (min.)                                | 0.6             |
| Basic Load Ratings (kN)                  |                 |
| Cr (Dynamic)                             | 14.4            |
| C0r (Static)                             | 11.4            |
| Permissible Axial Load (1) (kN)          | 10.6            |
| Effective Load Center (mm) a             | 17.5            |
| Sealed Design                            |                 |
| Limiting Speeds (2) (min <sup>-1</sup> ) |                 |
| Grease                                   | 31200           |
| Oil                                      | 48900           |
| Mass (kg)                                | 0.158           |