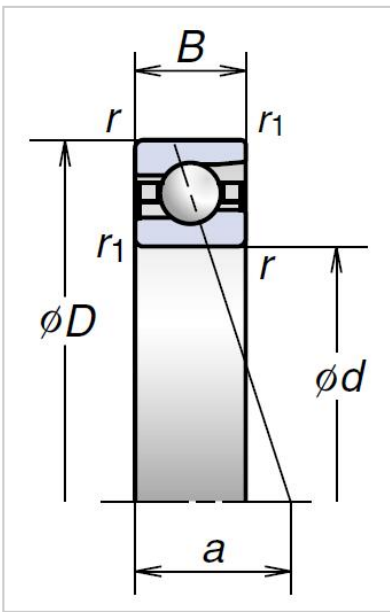


## Ultra High-Speed Angular Contact Ball Bearings

### BGR Series Ultra High-Speed Angular Contact Ball Bearings-7BGR10S



|                              |                |
|------------------------------|----------------|
| Bearing NO.                  | <b>7BGR10S</b> |
| Dimensions                   |                |
| D (mm)                       | <b>7</b>       |
| d (mm)                       | 19             |
| 2B (mm)                      | 6              |
| r Min                        | 0.3            |
| r1 Min                       | 0.15           |
| Basic Loading Ratings(KN)    |                |
| Cr (Dynamic)                 | 1.6            |
| C0r (Static)                 | 0.52           |
| Permissible axial load (KN)  | 0.62           |
| Effective load center(mm) a  | 4.7            |
| Limiting speeds [rpm][min-1] |                |
| Grease                       | 124000         |
| Oil                          | 170000         |
| Weight (kg)                  | 0.008          |