

## Ultra High-Speed Angular Contact Ball Bearings

### BGR Series Ultra High-Speed Angular Contact Ball Bearings-10BGR19S



|                              |                 |
|------------------------------|-----------------|
| Bearing NO.                  | <b>10BGR19S</b> |
| Dimensions                   |                 |
| D (mm)                       | <b>10</b>       |
| d (mm)                       | 22              |
| 2B (mm)                      | 6               |
| r Min                        | 0.3             |
| r1 Min                       | 0.15            |
| Basic Loading Ratings(KN)    |                 |
| Cr (Dynamic)                 | 2.03            |
| C0r (Static)                 | 0.78            |
| Permissible axial load (KN)  | 0.93            |
| Effective load center(mm) a  | 5.1             |
| Limiting speeds [rpm][min-1] |                 |
| Grease                       | 100000          |
| Oil                          | 138000          |
| Weight (kg)                  | 0.01            |