

## Ultra High-Speed Angular Contact Ball Bearings

### BNR Series Ultra High-Speed Angular Contact Ball Bearings-50BNR19S



Bearing NO.	<b>50BNR19S</b>
Boundary Dimensions (mm)	
d	<b>50</b>
D	72
B	12
r (min.)	0.6
r1 (min.)	0.3
Basic Load Ratings (kN)	
Cr (Dynamic)	12.8
C0r (Static)	9.75
Permissible Axial Load (1) (kN)	13.9
Effective Load Center (mm) a	15.9
Sealed Design	
Limiting Speeds (2) (min <sup>-1</sup> )	
Grease	23000
Oil	32800
Mass (kg)	0.127