

## Ultra High-Speed Angular Contact Ball Bearings

BER Series Ultra High-Speed Angular Contact Ball Bearings-**70BER19S**

Bearing NO.	<b>70BER19S</b>
Boundary Dimensions (mm)	
d	<b>70</b>
D	100
B	16
r (min.)	<b>1</b>
r1 (min.)	0.6
Basic Load Ratings (kN)	
Cr (Dynamic)	20.4
C0r (Static)	17.3
Permissible Axial Load (1) (kN)	30.5
Effective Load Center (mm) a	27.8
Sealed Design	
Limiting Speeds (2) (min <sup>-1</sup> )	
Grease	14200
Oil	20000
Mass (kg)	0.328