

## Ultra High-Speed Angular Contact Ball Bearings

### BER Series Ultra High-Speed Angular Contact Ball Bearings-85BER19S



Bearing NO.	<b>85BER19S</b>
Boundary Dimensions (mm)	
d	<b>85</b>
D	120
B	18
r (min.)	1.1
r1 (min.)	0.6
Basic Load Ratings (kN)	
Cr (Dynamic)	28.1
C0r (Static)	25.2
Permissible Axial Load (1) (kN)	35.5
Effective Load Center (mm) a	32.9
Sealed Design	
Limiting Speeds (2) (min <sup>-1</sup> )	
Grease	11800
Oil	16600
Mass (kg)	0.527