

## Ultra High-Speed Angular Contact Ball Bearings

### BER Series Ultra High-Speed Angular Contact Ball Bearings-55BER19S



Bearing NO.	<b>55BER19S</b>
Boundary Dimensions (mm)	
d	<b>55</b>
D	80
B	13
r (min.)	<b>1</b>
r1 (min.)	0.6
Basic Load Ratings (kN)	
Cr (Dynamic)	13.8
C0r (Static)	10.9
Permissible Axial Load (1) (kN)	16.1
Effective Load Center (mm) a	22.2
Sealed Design	
Limiting Speeds (2) (min <sup>-1</sup> )	
Grease	17800
Oil	25200
Mass (kg)	0.178