

Ultra High-Speed Angular Contact Ball Bearings

BER Series Ultra High-Speed Angular Contact Ball Bearings-55BER19X



Bearing NO. **55BER19X**

Boundary Dimensions (mm)

d **55**

D 80

B 13

r (min.) **1**

r1 (min.) 0.6

Basic Load Ratings (kN)

Cr (Dynamic) 13.8

C0r (Static) 10.9

Permissible Axial Load 12.9

(1) (kN)

Effective Load Center 22.2

(mm) a

Sealed Design

Limiting Speeds (2) (min⁻¹)

Grease 28200

Oil 44500

Mass (kg) 0.158