

Ultra High-Speed Angular Contact Ball Bearings

BNR Series Ultra High-Speed Angular Contact Ball Bearings-100BNR19S



Bearing NO. **100BNR19S**

Boundary Dimensions (mm)

d **100**

D 140

B 20

r (min.) 1.1

r1 (min.) 0.6

Basic Load Ratings (kN)

Cr (Dynamic) 38

C0r (Static) 35

Permissible Axial Load 50.5

(1) (kN)

Effective Load Center 29.5

(mm) a

Sealed Design

Limiting Speeds (2) (min⁻¹)

Grease 11700

Oil 16700

Mass (kg) 0.77