



# BEARING USA CORP.



3310A Bearing 2D drawings and 3D CAD models

50,000 mm x 110,000 mm x 44,400 mm SNR  
3310A Angular contact ball bearings

Bearing No. 3310A

Size	50x110x44.400 mm
Bore Diameter	50,000 mm
Outer Diameter	110,000 mm
Width	44,400 mm
d	50,000 mm
D	110,000 mm
B	44,400 mm
C	44,400 mm
d1	68.3 mm
D1	89.6 mm
a	55 mm
Contact angle	25 °
rs min	2 mm
Radial clearance class	CN
Precision class	P0
Mass	1.6 kg
Dynamic load, C	78.4 kN
Static load, C0	61.6 kN
Fatigue limit load, Cu	3.8 kN
f0	13.9
Nref	5,200 rpm
Nlim	6,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C



## BEARING USA CORP.

Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.32 Hz
Characteristic outer ring frequency, BPF0	3.2 Hz
Characteristic inner ring frequency, BRFI	4.8 Hz
da min	59 mm
Da max	101 mm
ra max	2 mm