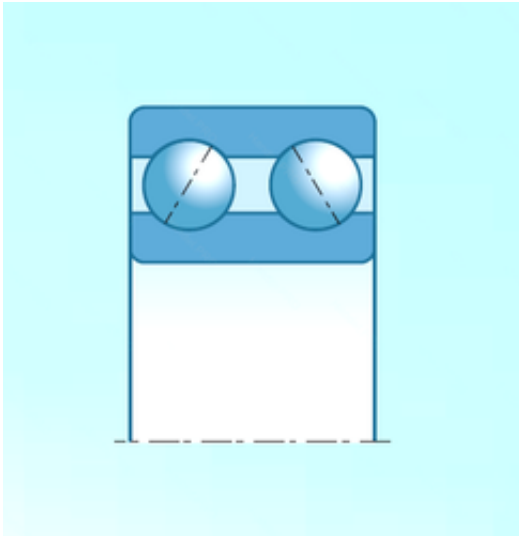




BEARING CORP.OF AMERICA



50,000 mm x 110,000 mm x 44,400 mm SNR
5310EEG15 Double row angular contact ball
bearings

Bearing No. 5310EEG15

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 mm
D1	96.1 mm
a	55 mm
Contact angle	25 °
rs min	2 mm
Radial clearance class	CN
Precision class	P0
Mass	1.93 kg
Dynamic load, C	78.4 kN
Static load, C0	61.6 kN
Fatigue limit load, Cu	3.8 kN
f0	13.9
Nlim	4,200 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C

5310EEG15 Bearing 2D drawings and 3D CAD models



BEARING CORP.OF AMERICA

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	68 mm
Da max	101 mm
ra max	2 mm