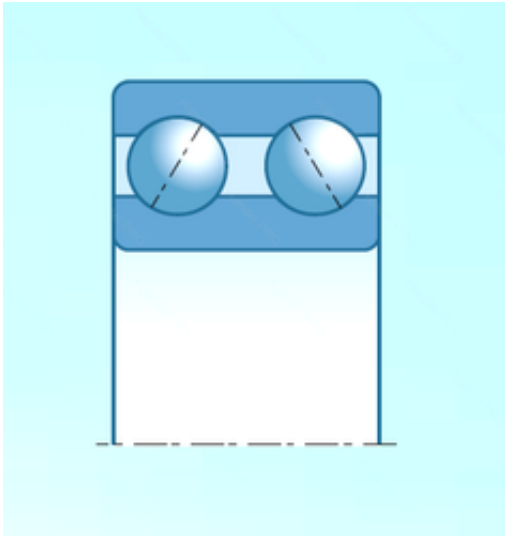




BEARING CORP.OF AMERICA



25,000 mm x 62,000 mm x 25,400 mm SNR
5305NRZZG15 Double row angular contact ball
bearings

Bearing No. 5305NRZZG15

Size	25x62x25.400 mm
Bore Diameter	25,000 mm
Outer Diameter	62,000 mm
Width	25,400 mm
d	25,000 mm
D	62,000 mm
B	25,400 mm
C	25,400 mm
d1	36.4 mm
D1	53.1 mm
a	30.7 mm
Contact angle	25 °
a min	3.07 mm
a max	3.28 mm
rs min	1.1 mm
rNs min	0.6 mm
D3 max	59.61 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 mm
D4 max	67.7 mm
f	1.65 mm
Snap ring reference	R 62
Radial clearance class	CN
Precision class	P0

5305NRZZG15 Bearing 2D drawings and 3D CAD
models



BEARING CORP.OF AMERICA

Mass	0.32 kg
Dynamic load, C	28.3 kN
Static load, C ₀	19.4 kN
Fatigue limit load, C _u	1.21 kN
f ₀	13.4
N _{ref}	7,900 rpm
N _{lim}	8,700 rpm
Min operating temperature, T _{min}	-20 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.16 Hz
Characteristic outer ring frequency, BPF ₀	3.17 Hz
Characteristic inner ring frequency, BPF _I	4.83 Hz
d _{a min}	31.5 mm
d _{a max}	36.4 mm
D _{a max}	55.5 mm
C _{a min}	4.67 mm
C _{a max}	4.98 mm
r _{a max}	1 mm
r _{Na max}	0.6 mm
D _{b min}	68.4 mm