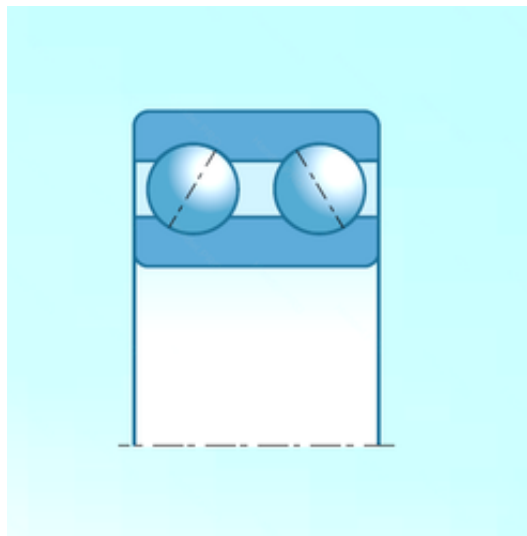




BEARING CORP.OF AMERICA



35,000 mm x 72,000 mm x 27,000 mm SNR
5207EEG15 Double row angular contact ball
bearings

Bearing No. 5207EEG15

Size	35x72x27 mm
Bore Diameter	35,000 mm
Outer Diameter	72,000 mm
Width	27,000 mm
d	35,000 mm
D	72,000 mm
B	27,000 mm
C	27,000 mm
d1	45 mm
D1	64.3 mm
a	36.5 mm
Contact angle	25 °
rs min	1.1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.43 kg
Dynamic load, C	37.3 kN
Static load, C0	28.7 kN
Fatigue limit load, Cu	1.77 kN
f0	14.2
Nlim	6,100 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C

5207EEG15 Bearing 2D drawings and 3D CAD models



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Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.64 Hz
Characteristic outer ring frequency, BPF0	3.65 Hz
Characteristic inner ring frequency, BPFI	5.35 Hz
da min	41.5 mm
da max	45 mm
Da max	65.5 mm
ra max	1 mm