



BEARING CORP.OF AMERICA

35 mm x 72 mm x 27 mm SNR
5207ZZG15C3D159QTX Double row angular
contact ball bearings

Bearing No. 5207ZZG15C3D159QTX

5207ZZG15C3D159QTX Bearing 2D drawings and 3D
CAD models

d	35 mm
D	72 mm
B	27 mm
d1	47.2 mm
D1	64.3 mm
a	36.5 mm
Contact angle	25 °
rs min	1.1 mm
Radial clearance class	C3
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
Nref	7,600 rpm
Nlim	7,300 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.64 Hz
Characteristic outer ring	3.65 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BRFI	5.35 Hz
da min	41.5 mm
da max	47.2 mm
Da max	65.5 mm
ra max	1 mm