



## NTN BEARING CORP.



6209E Bearing 2D drawings and 3D CAD models

45,000 mm x 85,000 mm x 19,000 mm SNR  
6209E deep groove ball bearings

Bearing No. 6209E

Size	45x85x19 mm
Bore Diameter	45,000 mm
Outer Diameter	85,000 mm
Width	19,000 mm
d	45,000 mm
D	85,000 mm
B	19,000 mm
C	19,000 mm
d1	54.5 mm
D1	75.6 mm
rs min	1.1 mm
Radial clearance class	CN
Mass	0.4 kg
Dynamic load, C	32.2 kN
Static load, C0	20.4 kN
Fatigue limit load, Cu	0.93 kN
f0	14.1
Nlim	5,300 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.92 Hz
Characteristic outer ring	3.62 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	5.38 Hz
da min	51.5 mm
da max	54.5 mm
Da max	78.5 mm
ra max	1 mm