



# SNR BEARING CORP.OF AMERICA

45 mm x 85 mm x 23 mm NTN NJ2209EAT2X  
Single row cylindrical roller bearings

Bearing No. NJ2209EAT2X

d	45 mm
D	85 mm
B	23 mm
E	76.5 mm
F	54.5 mm
d1	58.9 mm
rs min	1.1 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass (without HJ ring)	0.53 kg
Dynamic load, C	90 kN
Static load, C0	84.5 kN
Nlim (oil)	9,600 rpm
Nlim (grease)	6,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.79 Hz
Characteristic outer ring frequency, BPF0	6.24 Hz
Characteristic inner ring frequency, BPF1	8.76 Hz
da min	51.5 mm

NJ2209EAT2X Bearing 2D drawings and 3D CAD models



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da max	54 mm
dc min	61 mm
Da max	78.5 mm
ra max	1 mm
r1a max	1 mm