



Bearing No. 6209E

D	85,000 mm
d	45,000 mm
B	19,000 mm
C	19,000 mm
f0	14.1
d1	54.5 mm
D1	75.6 mm
Mass	0.4 kg
Nlim	5,300 rpm
ra max	1 mm
Da max	78.5 mm
da max	54.5 mm
rs min	1.1 mm
da min	51.5 mm
Size (mm)	45x85x19
Width (mm)	19,000
Bearing number	6209E
Static load, C0	20.4 kN
Dynamic load, C	32.2 kN
Bore Diameter (mm)	45,000
Outer Diameter (mm)	85,000
Fatigue limit load, Cu	0.93 kN
Radial clearance class	CN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic outer ring frequency, BPF0	3.62 Hz

Characteristic inner ring frequency, BPI	5.38 Hz
Characteristic rolling element frequency, BSF	4.92 Hz