



Bearing No. 2209

e	0.31
d	45,000 mm
D	85,000 mm
B	23,000 mm
C	23,000 mm
d1	57.7 mm
Y0	2.16
Y2	3.19
Y1	2.06
D1	71.8 mm
Nlim	10,000 rpm
Mass	0.55 kg
Nref	8,100 rpm
rs min	1.1 mm
da min	51.5 mm
Da max	78.5 mm
ra max	1 mm
Size (mm)	45x85x23
Width (mm)	23,000
Bearing number	2209
Static load, C0	8.2 kN
Dynamic load, C	23 kN
Precision class	P0
Bore Diameter (mm)	45,000
Outer Diameter (mm)	85,000
Radial clearance class	CN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage	0.43 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	7.7 Hz
Characteristic inner ring frequency, BPF1	10.3 Hz
Characteristic rolling element frequency, BSF	6.63 Hz