



Bearing No. 2210

e	0.29
d	50,000 mm
D	90,000 mm
B	23,000 mm
C	23,000 mm
d1	62.7 mm
Y0	2.31
Y2	3.41
Y1	2.2
D1	77 mm
Nlim	9,300 rpm
Mass	0.58 kg
Nref	7,400 rpm
rs min	1.1 mm
da min	56.5 mm
Da max	83.5 mm
ra max	1 mm
Size (mm)	50x90x23
Width (mm)	23,000
Bearing number	2210
Static load, C0	8.5 kN
Dynamic load, C	23 kN
Precision class	P0
Bore Diameter (mm)	50,000
Outer Diameter (mm)	90,000
Fatigue limit load, Cu	1.91 kN
Radial clearance class	CN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	8.22 Hz
Characteristic inner ring frequency, BPF1	10.78 Hz
Characteristic rolling element frequency, BSF	7.17 Hz