



Bearing No. 2210K

D	90,000 mm
d	50,000 mm
B	23,000 mm
C	23,000 mm
e	0.29
Y2	3.41
d1	62.7 mm
D1	77 mm
Y0	2.31
Y1	2.2
Nlim	9,300 rpm
Mass	0.57 kg
Nref	7,400 rpm
da min	56.5 mm
da max	62 mm
ra max	1 mm
db min	55 mm
Ce min	10 mm
Da max	83.5 mm
rs min	1.1 mm
Size (mm)	50x90x23
Width (mm)	23,000
Bearing number	2210K
Dynamic load, C	23 kN
Static load, C0	8.5 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

Associated sleeve reference	H310
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, BPFI	10.78 Hz
Characteristic rolling element frequency, BSF	7.17 Hz