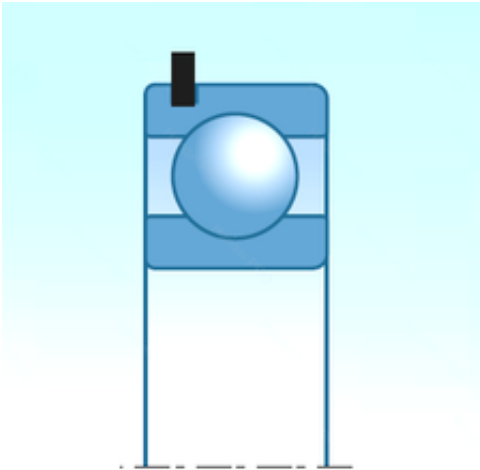




Bearing No. 6210N

D	90,000 mm
d	50,000 mm
B	20,000 mm
C	20,000 mm
f0	14.4
d1	59.6 mm
D1	80.8 mm
Nref	8,200 rpm
Nlim	12,000 rpm
Mass	0.45 kg
b max	3 mm
b min	2.7 mm
a max	3.28 mm
a min	3.07 mm
rs min	1.1 mm
D3 max	86.79 mm
r0 max	0.6 mm
ra max	1 mm
Da max	83.5 mm
da min	56.5 mm
Db min	98 mm
rNs min	0.5 mm
rNa max	0.5 mm
Size (mm)	50x90x20
Width (mm)	20,000
Bearing number	6210N
Dynamic load, C	34.5 kN
Static load, C0	23.2 kN
Bore Diameter (mm)	50,000
Outer Diameter (mm)	90,000

Fatigue limit load, Cu	1.3 kN
Radial clearance class	CN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.09 Hz
Characteristic inner ring frequency, BPFI	5.91 Hz
Characteristic rolling element frequency, BSF	5.33 Hz