



NTN BEARING USA CORP.

50 mm x 90 mm x 23 mm SNR
22210.EG15W33C3 Double row spherical roller
bearings

Bearing No. 22210.EG15W33C3

d	50 mm
D	90 mm
B	23 mm
d2	59.5 mm
D1	80.7 mm
rs min	1.1 mm
Number of lubrication holes	3
b	5.8 mm
k	2.5 mm
e	0.24
Y1	2.84
Y2	4.23
Y0	2.78
Radial clearance class	C3
Mass	0.58 kg
Dynamic load, C	130 kN
Static load, C0	124 kN
Fatigue limit load, Cu	14.5 kN
Nref	6,700 rpm
Nlim	9,100 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz

22210.EG15W33C3 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	6.34 Hz
Characteristic outer ring frequency, BPF0	7.63 Hz
Characteristic inner ring frequency, BPFI	10.37 Hz
da min	57 mm
Da max	83 mm
ra max	1 mm