



100 mm x 215 mm x 73 mm SNR  
22320.EMW33C3 Double row spherical roller  
bearings

Bearing No. 22320.EMW33C3

d	100 mm
D	215 mm
B	73 mm
d2	126.7 mm
D1	186.7 mm
rs min	3 mm
Number of lubrication holes	3
b	13.3 mm
k	6 mm
e	0.34
Y1	1.98
Y2	2.94
Y0	1.93
Radial clearance class	C3
Mass	12.78 kg
Dynamic load, C	827 kN
Static load, C0	844 kN
Fatigue limit load, Cu	72.4 kN
Nref	2,600 rpm
Nlim	3,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.4 Hz

22320.EMW33C3 Bearing 2D drawings and 3D CAD  
models



## NTN BEARING MANUFACTURING DE MEXICO,S...

Characteristic rolling element frequency, BSF	4.96 Hz
Characteristic outer ring frequency, BPF0	6.08 Hz
Characteristic inner ring frequency, BPFI	8.92 Hz
da min	114 mm
Da max	201 mm
ra max	2.5 mm