



## SNR Bearing Argentina

120 mm x 215 mm x 58 mm SNR  
22224.EMW33C3 Double row spherical roller  
bearings

Bearing No. 22224.EMW33C3

d	120 mm
D	215 mm
B	58 mm
D1	192.3 mm
rs min	2.1 mm
Number of lubrication holes	3
b	12.2 mm
k	6 mm
e	0.25
Y1	2.74
Y2	4.08
Y0	2.68
Radial clearance class	C3
Mass	8.78 kg
Dynamic load, C	688 kN
Static load, C0	753 kN
Fatigue limit load, Cu	71.3 kN
Nref	3,000 rpm
Nlim	3,800 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling	6.27 Hz

22224.EMW33C3 Bearing 2D drawings and 3D CAD  
models



## SNR Bearing Argentina

element frequency, BSF	
Characteristic outer ring frequency, BPF0	7.62 Hz
Characteristic inner ring frequency, BPF1	10.38 Hz
da min	132 mm
Da max	203 mm
ra max	2 mm