



## SNR Bearing Argentina

240 mm x 440 mm x 120 mm SNR  
22248EMW33C4 Double row spherical roller  
bearings

Bearing No. 22248EMW33C4

d	240 mm
D	440 mm
B	120 mm
d2	323.5 mm
D1	390.1 mm
rs min	4 mm
Number of lubrication holes	8
b	21.07 mm
k	12 mm
e	0.25
Y1	2.74
Y2	4.08
Y0	2.68
Radial clearance class	C4
Mass	84.26 kg
Dynamic load, C	2,500 kN
Static load, C0	3,550 kN
Fatigue limit load, Cu	235 kN
Nref	1,100 rpm
Nlim	1,800 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

22248EMW33C4 Bearing 2D drawings and 3D CAD  
models



## SNR Bearing Argentina

Characteristic rolling element frequency, BSF	8.13 Hz
Characteristic outer ring frequency, BPF0	10.12 Hz
Characteristic inner ring frequency, BRFI	12.88 Hz
da min	257 mm
Da max	423 mm
ra max	3 mm