



# SNR BEARING CORP.OF AMERICA

240 mm x 440 mm x 160 mm SNR  
23248EMW33C3 Double row spherical roller  
bearings

Bearing No. 23248EMW33C3

d	240 mm
D	440 mm
B	160 mm
D1	382.1 mm
rs min	4 mm
Number of lubrication holes	8
b	27 mm
k	16 mm
e	0.35
Y1	1.95
Y2	2.9
Y0	1.91
Radial clearance class	C3
Mass	107.43 kg
Dynamic load, C	3,270 kN
Static load, C0	4,440 kN
Fatigue limit load, Cu	237 kN
Nref	800 rpm
Nlim	1,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling	6.68 Hz

23248EMW33C3 Bearing 2D drawings and 3D CAD models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	8.14 Hz
Characteristic inner ring frequency, BPF1	10.86 Hz
da min	257 mm
Da max	423 mm
ra max	3 mm