



SNR BEARING CORP.OF AMERICA

240 mm x 360 mm x 118 mm SNR
24048.EMW33C3 Double row spherical roller
bearings

Bearing No. 24048.EMW33C3

d	240 mm
D	360 mm
B	118 mm
D1	323 mm
rs min	3 mm
Number of lubrication holes	3
b	15.3 mm
k	7 mm
e	0.29
Y1	2.32
Y2	3.45
Y0	2.26
Radial clearance class	C3
Mass	41.6 kg
Dynamic load, C	2,020 kN
Static load, C0	3,050 kN
Fatigue limit load, Cu	172 kN
Nref	1,100 rpm
Nlim	1,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling	8.8 Hz

24048.EMW33C3 Bearing 2D drawings and 3D CAD
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	11.12 Hz
Characteristic inner ring frequency, BPF1	13.88 Hz
da min	252.4 mm
Da max	347.6 mm
ra max	2.5 mm