



# SNR BEARING CORP.OF AMERICA

160 mm x 270 mm x 109 mm SNR  
24132.EAW33C3 Double row spherical roller  
bearings

Bearing No. 24132.EAW33C3

d	160 mm
D	270 mm
B	109 mm
d2	180.8 mm
D1	234.9 mm
rs min	2.1 mm
Number of lubrication holes	3
b	11.7 mm
k	5 mm
e	0.38
Y1	1.76
Y2	2.62
Y0	1.72
Radial clearance class	C3
Mass	25.6 kg
Dynamic load, C	1,330 kN
Static load, C0	1,740 kN
Fatigue limit load, Cu	105 kN
Nref	1,400 rpm
Nlim	1,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz

24132.EAW33C3 Bearing 2D drawings and 3D CAD  
models



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Characteristic rolling element frequency, BSF	7.06 Hz
Characteristic outer ring frequency, BPF0	8.65 Hz
Characteristic inner ring frequency, BPFI	11.35 Hz
da min	172 mm
Da max	258 mm
ra max	2 mm