



SNR BEARING CORP.OF AMERICA

190 mm x 320 mm x 128 mm SNR
24138.EAW33C4 Double row spherical roller
bearings

Bearing No. 24138.EAW33C4

d	190 mm
D	320 mm
B	128 mm
d2	213.4 mm
D1	277.9 mm
rs min	3 mm
Number of lubrication holes	3
b	14.2 mm
k	6 mm
e	0.38
Y1	1.76
Y2	2.62
Y0	1.72
Radial clearance class	C4
Mass	42.1 kg
Dynamic load, C	1,850 kN
Static load, C0	2,480 kN
Fatigue limit load, Cu	141 kN
Nref	1,100 rpm
Nlim	1,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz

24138.EAW33C4 Bearing 2D drawings and 3D CAD
models



SNR BEARING CORP.OF AMERICA

Characteristic rolling element frequency, BSF	6.98 Hz
Characteristic outer ring frequency, BPF0	8.64 Hz
Characteristic inner ring frequency, BPFI	11.36 Hz
da min	204 mm
Da max	306 mm
ra max	2.5 mm