



# SNR BEARING CORP.OF AMERICA

150 mm x 250 mm x 100 mm SNR  
24130.EAW33 Double row spherical roller  
bearings

Bearing No. 24130.EAW33

d	150 mm
D	250 mm
B	100 mm
d2	165.8 mm
D1	218.1 mm
rs min	2.1 mm
Number of lubrication holes	3
b	10.4 mm
k	5 mm
e	0.38
Y1	1.78
Y2	2.66
Y0	1.74
Radial clearance class	CN
Mass	19.9 kg
Dynamic load, C	1,120 kN
Static load, C0	1,400 kN
Fatigue limit load, Cu	90.9 kN
Nref	1,600 rpm
Nlim	2,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz

24130.EAW33 Bearing 2D drawings and 3D CAD  
models



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Characteristic rolling element frequency, BSF	6.79 Hz
Characteristic outer ring frequency, BPF0	8.17 Hz
Characteristic inner ring frequency, BPFI	10.83 Hz
da min	162 mm
Da max	238 mm
ra max	2 mm