



# SNR BEARING CORP.OF AMERICA

140 mm x 225 mm x 85 mm SNR  
24128EAW33ZZC3 Double row spherical roller  
bearings

Bearing No. 24128EAW33ZZC3

d	140 mm
D	225 mm
B	85 mm
d2	156.2 mm
D1	197.6 mm
rs min	2.1 mm
Number of lubrication holes	3
b	10.05 mm
k	4.5 mm
e	0.34
Y1	1.98
Y2	2.94
Y0	1.93
Radial clearance class	C3
Mass	12.77 kg
Dynamic load, C	951 kN
Static load, C0	1,280 kN
Fatigue limit load, Cu	76.1 kN
Nref	1,600 rpm
Nlim	2,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

24128EAW33ZZC3 Bearing 2D drawings and 3D CAD  
models



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Characteristic rolling element frequency, BSF	7.74 Hz
Characteristic outer ring frequency, BPF0	9.64 Hz
Characteristic inner ring frequency, BPFI	12.36 Hz
da min	152 mm
Da max	213 mm
ra max	2 mm