



# SNR BEARING CORP.OF AMERICA

140 mm x 210 mm x 69 mm SNR  
24028.EAW33C4 Double row spherical roller  
bearings

Bearing No. 24028.EAW33C4

d	140 mm
D	210 mm
B	69 mm
d2	152.9 mm
D1	188.2 mm
rs min	2 mm
Number of lubrication holes	3
b	8.9 mm
k	4 mm
e	0.28
Y1	2.39
Y2	3.56
Y0	2.34
Radial clearance class	C4
Mass	8.03 kg
Dynamic load, C	704 kN
Static load, C0	958 kN
Fatigue limit load, Cu	66.6 kN
Nref	2,100 rpm
Nlim	2,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

24028.EAW33C4 Bearing 2D drawings and 3D CAD  
models



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Characteristic rolling element frequency, BSF	8.74 Hz
Characteristic outer ring frequency, BPF0	10.67 Hz
Characteristic inner ring frequency, BPFI	13.33 Hz
da min	148.8 mm
Da max	201.2 mm
ra max	2 mm