



SNR BEARING CORP.OF AMERICA

170 mm x 280 mm x 109 mm SNR
24134.EAW33C3 Double row spherical roller
bearings

Bearing No. 24134.EAW33C3

d	170 mm
D	280 mm
B	109 mm
d2	189.5 mm
D1	243.6 mm
rs min	2.1 mm
Number of lubrication holes	3
b	13.2 mm
k	6 mm
e	0.37
Y1	1.83
Y2	2.72
Y0	1.79
Radial clearance class	C3
Mass	26.6 kg
Dynamic load, C	1,370 kN
Static load, C0	1,840 kN
Fatigue limit load, Cu	111 kN
Nref	1,300 rpm
Nlim	1,800 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

24134.EAW33C3 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	7.36 Hz
Characteristic outer ring frequency, BPF0	9.14 Hz
Characteristic inner ring frequency, BPFI	11.86 Hz
da min	182 mm
Da max	268 mm
ra max	2 mm