



SNR BEARING CORP.OF AMERICA

170 mm x 260 mm x 90 mm SNR
24034EAW33C5 Double row spherical roller
bearings

Bearing No. 24034EAW33C5

d	170 mm
D	260 mm
B	90 mm
d2	188 mm
D1	232.3 mm
rs min	2.1 mm
Number of lubrication holes	3
b	10.67 mm
k	5 mm
e	0.31
Y1	2.21
Y2	3.29
Y0	2.16
Radial clearance class	C5
Mass	16.73 kg
Dynamic load, C	1,120 kN
Static load, C0	1,580 kN
Fatigue limit load, Cu	97.4 kN
Nref	1,600 rpm
Nlim	2,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

24034EAW33C5 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	8.6 Hz
Characteristic outer ring frequency, BPF0	10.65 Hz
Characteristic inner ring frequency, BPFI	13.35 Hz
da min	180.2 mm
Da max	249.8 mm
ra max	2 mm