



SNR BEARING CORP.OF AMERICA

240 mm x 400 mm x 160 mm SNR
24148EAW33 Double row spherical roller bearings

Bearing No. 24148EAW33

d	240 mm
D	400 mm
B	160 mm
d2	269 mm
D1	348.1 mm
rs min	4 mm
Number of lubrication holes	3
b	19.37 mm
k	12 mm
e	0.35
Y1	1.92
Y2	2.86
Y0	1.88
Radial clearance class	CN
Mass	76.7 kg
Dynamic load, C	2,860 kN
Static load, C0	3,990 kN
Fatigue limit load, Cu	201 kN
Nref	800 rpm
Nlim	1,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz

24148EAW33 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	7.04 Hz
Characteristic outer ring frequency, BPF0	8.64 Hz
Characteristic inner ring frequency, BRFI	11.36 Hz
da min	257 mm
Da max	383 mm
ra max	3 mm