



SNR BEARING CORP.OF AMERICA

110 mm x 170 mm x 60 mm SNR 24022EMW33
Double row spherical roller bearings

Bearing No. 24022EMW33

d	110 mm
D	170 mm
B	60 mm
D1	151.6 mm
rs min	2 mm
Number of lubrication holes	3
b	7.21 mm
k	3 mm
e	0.31
Y1	2.15
Y2	3.2
Y0	2.1
Radial clearance class	CN
Mass	4.8 kg
Dynamic load, C	518 kN
Static load, C0	663 kN
Fatigue limit load, Cu	46.7 kN
Nref	2,800 rpm
Nlim	3,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.04 Hz

24022EMW33 Bearing 2D drawings and 3D CAD models



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Characteristic outer ring frequency, BPF0	9.68 Hz
Characteristic inner ring frequency, BRFI	12.32 Hz
da min	118.8 mm
Da max	161.2 mm
ra max	2 mm