



SNR BEARING CORP.OF AMERICA

110 mm x 180 mm x 69 mm SNR 24122.EAW33
Double row spherical roller bearings

Bearing No. 24122.EAW33

d	110 mm
D	180 mm
B	69 mm
d2	121.7 mm
D1	157.2 mm
rs min	2 mm
Number of lubrication holes	3
b	8.4 mm
k	4 mm
e	0.36
Y1	1.9
Y2	2.83
Y0	1.86
Radial clearance class	CN
Mass	6.68 kg
Dynamic load, C	622 kN
Static load, C0	769 kN
Fatigue limit load, Cu	52.4 kN
Nref	2,200 rpm
Nlim	2,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz

24122.EAW33 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	7.17 Hz
Characteristic outer ring frequency, BPF0	8.67 Hz
Characteristic inner ring frequency, BPF1	11.33 Hz
da min	121 mm
Da max	169 mm
ra max	2 mm