



SNR BEARING CORP.OF AMERICA

120 mm x 200 mm x 80 mm SNR 24124.EAW33
Double row spherical roller bearings

Bearing No. 24124.EAW33

d	120 mm
D	200 mm
B	80 mm
d2	133.2 mm
D1	171.8 mm
rs min	2 mm
Number of lubrication holes	3
b	10 mm
k	4.5 mm
e	0.39
Y1	1.74
Y2	2.59
Y0	1.7
Radial clearance class	CN
Mass	10 kg
Dynamic load, C	749 kN
Static load, C0	948 kN
Fatigue limit load, Cu	60.2 kN
Nref	2,000 rpm
Nlim	2,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz

24124.EAW33 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	7.23 Hz
Characteristic outer ring frequency, BPF0	8.68 Hz
Characteristic inner ring frequency, BRFI	11.32 Hz
da min	131 mm
Da max	189 mm
ra max	2 mm