



SNR BEARING CORP.OF AMERICA

120 mm x 200 mm x 80 mm SNR
24124.EAK30W33C3 Double row spherical roller
bearings

Bearing No. 24124.EAK30W33C3

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	C3
Mass	9.7 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.EAK30W33C3 Bearing 2D drawings and 3D CAD
models



SNR BEARING CORP.OF AMERICA

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