



SNR BEARING CORP.OF AMERICA

200 mm x 310 mm x 109 mm SNR
24040.EMK30W33C3 Double row spherical roller
bearings

Bearing No. 24040.EMK30W33C3

d	200 mm
D	310 mm
B	109 mm
D1	283.3 mm
rs min	2.1 mm
Number of lubrication holes	3
b	12.7 mm
k	6 mm
e	0.33
Y1	2.06
Y2	3.07
Y0	2.01
Radial clearance class	C3
Mass	31.4 kg
Dynamic load, C	1,520 kN
Static load, C0	2,120 kN
Fatigue limit load, Cu	135 kN
Nref	1,400 rpm
Nlim	2,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling	8.12 Hz

24040.EMK30W33C3 Bearing 2D drawings and 3D
CAD models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	10.14 Hz
Characteristic inner ring frequency, BRFI	12.86 Hz
da min	210.2 mm
Da max	299.8 mm
ra max	2 mm