



SNR BEARING CORP.OF AMERICA

190 mm x 290 mm x 100 mm SNR
24038.EMK30W33C3 Double row spherical roller
bearings

Bearing No. 24038.EMK30W33C3

d	190 mm
D	290 mm
B	100 mm
D1	260.1 mm
rs min	2.1 mm
Number of lubrication holes	3
b	11.6 mm
k	5 mm
e	0.31
Y1	2.15
Y2	3.2
Y0	2.1
Radial clearance class	C3
Mass	22.24 kg
Dynamic load, C	1,310 kN
Static load, C0	1,800 kN
Fatigue limit load, Cu	119 kN
Nref	1,500 rpm
Nlim	2,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling	8.14 Hz

24038.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, BPF1	12.86 Hz
da min	200.2 mm
Da max	279.8 mm
ra max	2 mm