



SNR BEARING CORP.OF AMERICA

160 mm x 240 mm x 80 mm SNR
24032.EAK30W33C4 Double row spherical roller
bearings

Bearing No. 24032.EAK30W33C4

d	160 mm
D	240 mm
B	80 mm
d2	173.8 mm
D1	216.2 mm
rs min	2.1 mm
Number of lubrication holes	3
b	9.5 mm
k	4.5 mm
e	0.29
Y1	2.32
Y2	3.45
Y0	2.26
Radial clearance class	C4
Mass	11.48 kg
Dynamic load, C	953 kN
Static load, C0	1,320 kN
Fatigue limit load, Cu	87.3 kN
Nref	1,800 rpm
Nlim	2,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

24032.EAK30W33C4 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	8.46 Hz
Characteristic outer ring frequency, BPF0	10.62 Hz
Characteristic inner ring frequency, BPFI	13.38 Hz
da min	170.2 mm
Da max	229.8 mm
ra max	2 mm