



SNR BEARING CORP.OF AMERICA

150 mm x 250 mm x 100 mm SNR
24130.EAK30W33C4 Double row spherical roller
bearings

Bearing No. 24130.EAK30W33C4

d	150 mm
D	250 mm
B	100 mm
d2	165.8 mm
D1	218.1 mm
rs min	2.1 mm
Number of lubrication holes	3
b	10.4 mm
k	5 mm
e	0.38
Y1	1.78
Y2	2.66
Y0	1.74
Radial clearance class	C4
Mass	19.6 kg
Dynamic load, C	1,120 kN
Static load, C0	1,400 kN
Fatigue limit load, Cu	90.9 kN
Nref	1,600 rpm
Nlim	2,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz

24130.EAK30W33C4 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	6.79 Hz
Characteristic outer ring frequency, BPF0	8.17 Hz
Characteristic inner ring frequency, BPFI	10.83 Hz
da min	162 mm
Da max	238 mm
ra max	2 mm