



# SNR BEARING CORP.OF AMERICA

150,000 mm x 250,000 mm x 100 mm SNR  
24130EAK30W33 Double row spherical roller  
bearings



Bearing No. 24130EAK30W33

24130EAK30W33 Bearing 2D drawings and 3D CAD models

Size	150x250x100 mm
Bore Diameter	150,000 mm
Outer Diameter	250,000 mm
Width	100,000 mm
d	150,000 mm
D	250,000 mm
H	100,000 mm
B	100 mm
d2	165 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	CN
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



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Min operating temperature, T <sub>min</sub>	-40 ° C
Max operating temperature, T <sub>max</sub>	200 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.79 Hz
Characteristic outer ring frequency, BPF0	8.17 Hz
Characteristic inner ring frequency, BRFI	10.83 Hz
d <sub>a min</sub>	162 mm
D <sub>a max</sub>	238 mm
r <sub>a max</sub>	2 mm