



NTN BEARING USA CORP.

75 mm x 130 mm x 31 mm SNR
22215.EMKW33 Double row spherical roller
bearings

Bearing No. 22215.EMKW33

d	75 mm
D	130 mm
B	31 mm
D1	117.8 mm
rs min	1.5 mm
Number of lubrication holes	3
b	7.4 mm
k	3.5 mm
Associated sleeve reference	H315
e	0.22
Y1	3.13
Y2	4.67
Y0	3.06
Radial clearance class	CN
Mass	1.68 kg
Dynamic load, C	244 kN
Static load, C0	249 kN
Fatigue limit load, Cu	30.2 kN
Nref	4,600 rpm
Nlim	6,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz

22215.EMKW33 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	6.71 Hz
Characteristic outer ring frequency, BPF0	8.13 Hz
Characteristic inner ring frequency, BPFI	10.87 Hz
da min	84 mm
Da max	121 mm
ra max	1.5 mm