



NTN BEARING USA CORP.

65 mm x 120 mm x 31 mm SNR
22213EAW33ZZ Double row spherical roller
bearings

Bearing No. 22213EAW33ZZ

d	65 mm
D	120 mm
B	31 mm
d2	78.2 mm
D1	107 mm
rs min	1.5 mm
Number of lubrication holes	3
b	7.8 mm
k	3.5 mm
e	0.24
Y1	2.79
Y2	4.15
Y0	2.73
Radial clearance class	CN
Mass	1.57 kg
Dynamic load, C	226 kN
Static load, C0	224 kN
Fatigue limit load, Cu	26 kN
Nref	5,300 rpm
Nlim	6,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.42 Hz

22213EAW33ZZ Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	6.18 Hz
Characteristic outer ring frequency, BPF0	7.6 Hz
Characteristic inner ring frequency, BRFI	10.4 Hz
da min	74 mm
Da max	111 mm
ra max	1.5 mm