



NTN bearing de Mexico, S.A.

200 mm x 420 mm x 138 mm SNR
22340.EMW33 Double row spherical roller
bearings

Bearing No. 22340.EMW33

d	200 mm
D	420 mm
B	138 mm
d2	280 mm
D1	363.1 mm
rs min	5 mm
Number of lubrication holes	3
b	21.1 mm
k	10 mm
e	0.31
Y1	2.15
Y2	3.2
Y0	2.1
Radial clearance class	CN
Mass	95 kg
Dynamic load, C	2,830 kN
Static load, C0	3,530 kN
Fatigue limit load, Cu	229 kN
Nref	1,000 rpm
Nlim	1,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.42 Hz

22340.EMW33 Bearing 2D drawings and 3D CAD
models



NTN bearing de Mexico, S.A.

Characteristic rolling element frequency, BSF	5.96 Hz
Characteristic outer ring frequency, BPF0	7.56 Hz
Characteristic inner ring frequency, BPFI	10.44 Hz
da min	220 mm
Da max	400 mm
ra max	4 mm