



## SNR Bearing Argentina

90 mm x 160 mm x 40 mm SNR  
22218EAW33S01 Double row spherical roller  
bearings

Bearing No. 22218EAW33S01

d	90 mm
D	160 mm
B	40 mm
d2	105.3 mm
D1	143.2 mm
rs min	2 mm
Number of lubrication holes	4
b	10 mm
k	4.5 mm
e	0.23
Y1	2.9
Y2	4.31
Y0	2.83
Radial clearance class	CN
Mass	3.28 kg
Dynamic load, C	384 kN
Static load, C0	398 kN
Fatigue limit load, Cu	43.1 kN
Nref	3,900 rpm
Nlim	5,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.42 Hz

22218EAW33S01 Bearing 2D drawings and 3D CAD  
models



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Characteristic rolling element frequency, BSF	6.24 Hz
Characteristic outer ring frequency, BPF0	7.61 Hz
Characteristic inner ring frequency, BPFI	10.39 Hz
da min	101 mm
Da max	149 mm
ra max	2 mm