



SNR Bearing Argentina

90 mm x 160 mm x 40 mm SNR
22218.EAKW33C3 Double row spherical roller
bearings

Bearing No. 22218.EAKW33C3

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	3
b	10.2 mm
k	4.5 mm
Associated sleeve reference	H318
e	0.23
Y1	2.9
Y2	4.31
Y0	2.83
Radial clearance class	C3
Mass	3.24 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

22218.EAKW33C3 Bearing 2D drawings and 3D CAD
models



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Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.24 Hz
Characteristic outer ring frequency, BPF0	7.61 Hz
Characteristic inner ring frequency, BRFI	10.39 Hz
da min	101 mm
Da max	149 mm
ra max	2 mm