



SNR Bearing Argentina

55 mm x 120 mm x 43 mm SNR
22311EAKW33C4 Double row spherical roller
bearings

Bearing No. 22311EAKW33C4

d	55 mm
D	120 mm
B	43 mm
d2	68.7 mm
D1	102.9 mm
rs min	2 mm
Number of lubrication holes	3
b	7.8 mm
k	3.5 mm
Associated sleeve reference	H2311
e	0.36
Y1	1.87
Y2	2.79
Y0	1.83
Radial clearance class	C4
Mass	2.27 kg
Dynamic load, C	296 kN
Static load, C0	274 kN
Fatigue limit load, Cu	25.4 kN
Nref	4,600 rpm
Nlim	5,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

22311EAKW33C4 Bearing 2D drawings and 3D CAD
models



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Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.7 Hz
Characteristic outer ring frequency, BPF0	5.61 Hz
Characteristic inner ring frequency, BRFI	8.39 Hz
da min	66 mm
db min	61 mm
Ce min	6 mm
Da max	109 mm
ra max	2 mm