



SNR Bearing Argentina

120 mm x 215 mm x 58 mm SNR
22224.EMKW33C3 Double row spherical roller
bearings

Bearing No. 22224.EMKW33C3

d	120 mm
D	215 mm
B	58 mm
D1	192.3 mm
rs min	2.1 mm
Number of lubrication holes	3
b	12.2 mm
k	6 mm
Associated sleeve reference	H3124
e	0.25
Y1	2.74
Y2	4.08
Y0	2.68
Radial clearance class	C3
Mass	8.65 kg
Dynamic load, C	688 kN
Static load, C0	753 kN
Fatigue limit load, Cu	71.3 kN
Nref	3,000 rpm
Nlim	3,800 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.42 Hz

22224.EMKW33C3 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	6.27 Hz
Characteristic outer ring frequency, BPF0	7.62 Hz
Characteristic inner ring frequency, BPFI	10.38 Hz
da min	132 mm
Da max	203 mm
ra max	2 mm