



BEARING CORP.OF AMERICA

40 mm x 80 mm x 23 mm SNR
22208.EG15KW33C3 Double row spherical roller
bearings

Bearing No. 22208.EG15KW33C3

d	40 mm
D	80 mm
B	23 mm
d2	50.2 mm
D1	70.8 mm
rs min	1.1 mm
Number of lubrication holes	3
b	5.4 mm
k	2.5 mm
Associated sleeve reference	H308
e	0.27
Y1	2.47
Y2	3.68
Y0	2.41
Radial clearance class	C3
Mass	0.5 kg
Dynamic load, C	116 kN
Static load, C0	105 kN
Fatigue limit load, Cu	11 kN
Nref	8,200 rpm
Nlim	11,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C

22208.EG15KW33C3 Bearing 2D drawings and 3D
CAD models



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Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.62 Hz
Characteristic outer ring frequency, BPF0	6.64 Hz
Characteristic inner ring frequency, BRFI	9.36 Hz
da min	47 mm
Da max	73 mm
ra max	1 mm