



## BEARINGS(UK)LTD.

55 mm x 120 mm x 43 mm SNR  
22311.EG15KW33 Double row spherical roller  
bearings

Bearing No. 22311.EG15KW33

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	CN
Mass	2.29 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	-20 ° C
Max operating temperature, Tmax	120 ° C

22311.EG15KW33 Bearing 2D drawings and 3D CAD  
models



## BEARINGS(UK)LTD.

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