



SNR Bearing Argentina

45 mm x 100 mm x 36 mm SNR
22309.EG15W33C3 Double row spherical roller
bearings

Bearing No. 22309.EG15W33C3

d	45 mm
D	100 mm
B	36 mm
d2	58 mm
D1	85.8 mm
rs min	1.5 mm
Number of lubrication holes	3
b	6.4 mm
k	3 mm
e	0.36
Y1	1.9
Y2	2.83
Y0	1.86
Radial clearance class	C3
Mass	1.34 kg
Dynamic load, C	206 kN
Static load, C0	187 kN
Fatigue limit load, Cu	17.2 kN
Nref	5,300 rpm
Nlim	6,700 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz

22309.EG15W33C3 Bearing 2D drawings and 3D CAD
models



SNR Bearing Argentina

Characteristic rolling element frequency, BSF	4.85 Hz
Characteristic outer ring frequency, BPF0	5.65 Hz
Characteristic inner ring frequency, BPFI	8.35 Hz
da min	54 mm
Da max	91 mm
ra max	1.5 mm