



SNR Bearing Argentina

45 mm x 100 mm x 36 mm SNR 22309.EAW33
Double row spherical roller bearings

Bearing No. 22309.EAW33

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	CN
Mass	1.35 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	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.4 Hz

22309.EAW33 Bearing 2D drawings and 3D CAD models



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