



SNR Bearing Argentina

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

Bearing No. 22309.E.M

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	0
e	0.36
Y1	1.9
Y2	2.83
Y0	1.86
Radial clearance class	CN
Mass	1.4 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
Characteristic rolling element frequency, BSF	4.85 Hz
Characteristic outer ring	5.65 Hz

22309.E.M Bearing 2D drawings and 3D CAD models



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	8.35 Hz
da min	54 mm
Da max	91 mm
ra max	1.5 mm