



SNR Bearing Argentina

50 mm x 110 mm x 40 mm SNR 22310.E.F801
Double row spherical roller bearings

Bearing No. 22310.E.F801

d	50 mm
D	110 mm
B	40 mm
d2	63.8 mm
D1	93.2 mm
rs min	2 mm
Number of lubrication holes	4
b	7 mm
k	3.5 mm
e	0.36
Y1	1.87
Y2	2.79
Y0	1.83
Radial clearance class	C3 Special
Mass	1.83 kg
Dynamic load, C	250 kN
Static load, C0	232 kN
Fatigue limit load, Cu	20.4 kN
Nref	4,900 rpm
Nlim	6,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.4 Hz

22310.E.F801 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	4.9 Hz
Characteristic outer ring frequency, BPF0	5.66 Hz
Characteristic inner ring frequency, BRFI	8.34 Hz
da min	61 mm
Da max	99 mm
ra max	2 mm