



SNR Bearing Argentina

45 mm x 68 mm x 12 mm SNR
MLE71909CVUJ84S High precision angular
contact ball bearings

Bearing No. MLE71909CVUJ84S

d	45 mm
D	68 mm
B	12 mm
d1	52.3 mm
d2	50.2 mm
D1	61.51 mm
D2	63.01 mm
a	14 mm
Contact angle	17 °
rs min	0.6 mm
r1s min	0.3 mm
f0	8.53
Precision class	P4S
Mass	0.13 kg
Dynamic load, C	7.3 kN
Static load, C0	5.2 kN
Fatigue limit load, Cu	0.32 kN
Nlim (grease)	28,000 rpm
Axial displacement K Factor	1.15
Preload level	8
Preload value	0.11 kN
Axial rigidity	62 N/ μ m
Radial rigidity	291 N/ μ m
Min operating temperature, Tmin	-20 ° C

MLE71909CVUJ84S Bearing 2D drawings and 3D CAD models



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Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	11.51 Hz
Characteristic outer ring frequency, BPF0	12.84 Hz
Characteristic inner ring frequency, BRFI	15.16 Hz
da min	49.5 mm
db min	49.5 mm
Da max	63.5 mm
Db max	63.5 mm
r1a max	0.3 mm
ra max	0.6 mm
D6	53.8 mm