



SNR Bearing Argentina

35 mm x 55 mm x 10 mm SNR
MLE71907CVUJ84S High precision angular
contact ball bearings

Bearing No. MLE71907CVUJ84S

d	35 mm
D	55 mm
B	10 mm
d1	41.4 mm
d2	40.2 mm
D1	48.75 mm
D2	50.05 mm
a	12 mm
Contact angle	17 °
rs min	0.6 mm
r1s min	0.3 mm
f0	8.49
Precision class	P4S
Mass	0.08 kg
Dynamic load, C	5 kN
Static load, C0	3.35 kN
Fatigue limit load, Cu	0.18 kN
Nlim (grease)	36,000 rpm
Axial displacement K Factor	1.28
Preload level	8
Preload value	0.08 kN
Axial rigidity	50 N/ μ m
Radial rigidity	234 N/ μ m
Min operating temperature, Tmin	-20 ° C

MLE71907CVUJ84S 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	11.08 Hz
Characteristic outer ring frequency, BPF0	11.89 Hz
Characteristic inner ring frequency, BRFI	14.11 Hz
da min	39.5 mm
db min	39.5 mm
Da max	50.5 mm
Db max	50.5 mm
r1a max	0.3 mm
ra max	0.6 mm
D6	43 mm