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SNR ML71912CVUJ84S High precision angular contact ball bearings

Bearing No. ML71912CVUJ84S

ML71912CVUJ84S Bearing 2D drawings and 3D CAD models

d	60 mm
D	85 mm
B	13 mm
d1	68.1 mm
d2	66.15 mm
D1	78.71 mm
D2	80.31 mm
a	17 mm
Contact angle	17 °
rs min	1 mm
r1s min	0.3 mm
f0	8.64
Precision class	P4S
Mass	0.19 kg
Dynamic load, C	10.3 kN
Static load, C0	8.2 kN
Fatigue limit load, Cu	0.44 kN
Nlim (oil)	30,000 rpm
Nlim (grease)	22,000 rpm
Axial displacement K Factor	1.01
Preload level	8
Preload value	0.16 kN
Axial rigidity	80 N/ μ m
Radial rigidity	378 N/ μ m
Min operating temperature, Tmin	-30 ° C



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Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	12.83 Hz
Characteristic outer ring frequency, BPF0	14.81 Hz
Characteristic inner ring frequency, BRFI	17.19 Hz
da min	65.5 mm
db min	65.5 mm
Da max	79.5 mm
Db max	79.5 mm
r1a max	0.3 mm
ra max	1 mm
D6	70 mm