



## SNR Bearing Argentina

25 mm x 42 mm x 9 mm SNR  
ML71905CVUJ84S High precision angular contact  
ball bearings

Bearing No. ML71905CVUJ84S

d	25 mm
D	42 mm
B	9 mm
d1	30.6 mm
d2	29.4 mm
D1	37.65 mm
D2	38.95 mm
a	10 mm
Contact angle	17 °
rs min	0.3 mm
r1s min	0.3 mm
f0	8.15
Precision class	P4S
Mass	0.04 kg
Dynamic load, C	4.25 kN
Static load, C0	2.33 kN
Fatigue limit load, Cu	0.13 kN
Nlim (oil)	66,000 rpm
Nlim (grease)	48,000 rpm
Axial displacement K Factor	1.58
Preload level	8
Preload value	0.065 kN
Axial rigidity	38 N/ μ m
Radial rigidity	176 N/ μ m
Min operating temperature,	-30 ° C

ML71905CVUJ84S Bearing 2D drawings and 3D CAD  
models



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Tmin	
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.31 Hz
Characteristic outer ring frequency, BPF0	8.42 Hz
Characteristic inner ring frequency, BRFI	10.58 Hz
da min	27.5 mm
db min	27.5 mm
Da max	39.5 mm
Db max	39.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	32.1 mm