



SNR Bearing Argentina

20 mm x 37 mm x 9 mm SNR
ML71904HVUJ84S High precision angular
contact ball bearings

Bearing No. ML71904HVUJ84S

d	20 mm
D	37 mm
B	9 mm
d1	25.1 mm
d2	23.9 mm
D1	32.15 mm
D2	33.45 mm
a	11 mm
Contact angle	25 °
rs min	0.3 mm
r1s min	0.3 mm
f0	7.96
Precision class	P4S
Mass	0.04 kg
Dynamic load, C	3.7 kN
Static load, C0	1.82 kN
Fatigue limit load, Cu	0.11 kN
Nlim (oil)	68,000 rpm
Nlim (grease)	47,000 rpm
Axial displacement K Factor	0.99
Preload level	8
Preload value	0.09 kN
Axial rigidity	66 N/ μ m
Radial rigidity	140 N/ μ m
Min operating temperature,	-30 ° C

ML71904HVUJ84S 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	6.91 Hz
Characteristic outer ring frequency, BPF0	6.97 Hz
Characteristic inner ring frequency, BRFI	9.03 Hz
da min	22.5 mm
db min	22.5 mm
Da max	34.5 mm
Db max	34.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	26.6 mm