



SNR Bearing Argentina



ML71904CVUJ74S Bearing 2D drawings and 3D CAD models

20 mm x 37 mm x 9 mm SNR
ML71904CVUJ74S High precision angular contact
ball bearings

Bearing No. ML71904CVUJ74S

Size	20x37x9 mm
Bore Diameter	20 mm
Outer Diameter	37 mm
Width	9 mm
d	20 mm
D	37 mm
B	9 mm
C	9 mm
Angle (°)	15 °
d1	25.1 mm
d2	23.9 mm
D1	32.15 mm
D2	33.45 mm
a	9 mm
Contact angle	17 °
rs min	0.3 mm
r1s min	0.3 mm
f0	7.88
Precision class	P4S
Mass	0.04 kg
Dynamic load, C	3.85 kN
Static load, C0	1.9 kN
Fatigue limit load, Cu	0.11 kN
Nlim (oil)	77,000 rpm
Nlim (grease)	56,000 rpm



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Axial displacement K Factor	1.77
Preload level	7
Preload value	0.02 kN
Axial rigidity	22 N/ μ m
Radial rigidity	108 N/ μ m
Min operating temperature, T _{min}	-30 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.9 Hz
Characteristic outer ring frequency, BPF0	6.91 Hz
Characteristic inner ring frequency, BRFI	9.09 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