



SNR Bearing Argentina



ML71909CVUJ74S Bearing 2D drawings and 3D CAD models

45 mm x 68 mm x 12 mm SNR
ML71909CVUJ74S High precision angular contact
ball bearings

Bearing No. ML71909CVUJ74S

Size	45x68x12 mm
Bore Diameter	45 mm
Outer Diameter	68 mm
Width	12 mm
d	45 mm
D	68 mm
B	12 mm
C	12 mm
Angle (°)	15 °
d1	52.3 mm
d2	50.2 mm
D1	61.51 mm
D2	63.01 mm
a	14 mm
Contact angle	17 °
rs min	0.6 mm
r1s min	0.3 mm
f0	8.53
Precision class	P4S
Mass	0.13 kg
Dynamic load, C	7.3 kN
Static load, C0	5.2 kN
Fatigue limit load, Cu	0.32 kN
Nlim (oil)	39,000 rpm
Nlim (grease)	28,000 rpm



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Axial displacement K Factor	1.15
Preload level	7
Preload value	0.035 kN
Axial rigidity	40 N/ μ m
Radial rigidity	201 N/ μ m
Min operating temperature, T _{min}	-30 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	11.51 Hz
Characteristic outer ring frequency, BPF0	12.84 Hz
Characteristic inner ring frequency, BPF1	15.16 Hz
da min	49.5 mm
db min	49.5 mm
Da max	63.5 mm
Db max	63.5 mm
r1a max	0.3 mm
ra max	0.6 mm
D6	53.8 mm