



SNR Bearing Argentina



ML7009CVUJ74S Bearing 2D drawings and 3D CAD models

45 mm x 75 mm x 16 mm SNR
ML7009CVUJ74S High precision angular contact
ball bearings

Bearing No. ML7009CVUJ74S

Size	45x75x16 mm
Bore Diameter	45 mm
Outer Diameter	75 mm
Width	16 mm
d	45 mm
D	75 mm
B	16 mm
C	16 mm
Angle (°)	15 °
d1	54.7 mm
d2	52.4 mm
D1	66.31 mm
D2	68.46 mm
a	17 mm
Contact angle	17 °
rs min	1 mm
r1s min	0.6 mm
f0	8.28
Precision class	P4S
Mass	0.24 kg
Dynamic load, C	10.8 kN
Static load, C0	7 kN
Fatigue limit load, Cu	0.4 kN
Nlim (oil)	37,000 rpm
Nlim (grease)	27,000 rpm



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Axial displacement K Factor	1.23
Preload level	7
Preload value	0.055 kN
Axial rigidity	44 N/ μ m
Radial rigidity	218 N/ μ m
Min operating temperature, T _{min}	-30 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.16 Hz
Characteristic outer ring frequency, BPF0	9.86 Hz
Characteristic inner ring frequency, BRFI	12.14 Hz
da min	50.5 mm
db min	50.5 mm
Da max	69.5 mm
Db max	69.5 mm
r1a max	0.6 mm
ra max	1 mm
D6	56.9 mm