



SNR Bearing Argentina



MLE7009HVUJ74S Bearing 2D drawings and 3D CAD models

45 mm x 75 mm x 16 mm SNR
MLE7009HVUJ74S High precision angular
contact ball bearings

Bearing No. MLE7009HVUJ74S

| | |
|-----------------------------|-------------|
| 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 (°) | 20 ° |
| d1 | 54.7 mm |
| d2 | 52.4 mm |
| D1 | 66.31 mm |
| D2 | 68.46 mm |
| a | 22 mm |
| Contact angle | 25 ° |
| rs min | 1 mm |
| r1s min | 0.6 mm |
| f0 | 8.34 |
| Precision class | P4S |
| Mass | 0.24 kg |
| Dynamic load, C | 10.3 kN |
| Static load, C0 | 6.7 kN |
| Fatigue limit load, Cu | 0.4 kN |
| Nlim (grease) | 23,000 rpm |
| Axial displacement K Factor | 0.68 |



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|---|----------------|
| Preload level | 7 |
| Preload value | 0.09 kN |
| Axial rigidity | 92 N/ μ m |
| Radial rigidity | 205 N/ μ m |
| Min operating temperature, T _{min} | -20 ° C |
| Max operating temperature, T _{max} | 120 ° C |
| Characteristic cage frequency, FTF | 0.45 Hz |
| Characteristic rolling element frequency, BSF | 9.17 Hz |
| Characteristic outer ring frequency, BPF0 | 9.92 Hz |
| Characteristic inner ring frequency, BPFI | 12.08 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 |