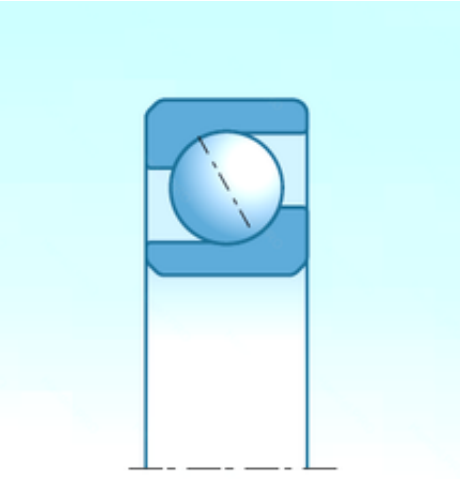
Loyal | ML7009CVUJ74S



Bearing No. ML7009CVUJ74S

a	17 mm
d	45 mm
D	75 mm
B	16 mm
C	16 mm
D6	56.9 mm
d2	52.4 mm
f0	8.28
D1	66.31 mm
D2	68.46 mm
d1	54.7 mm
Mass	0.24 kg
Db max	69.5 mm
da min	50.5 mm
db min	50.5 mm
ra max	1 mm
rs min	1 mm
Da max	69.5 mm
r1s min	0.6 mm
r1a max	0.6 mm
Size (mm)	45x75x16
Width (mm)	16
Nlim (oil)	37,000 rpm
Preload level	7
Nlim (grease)	27,000 rpm
Preload value	0.055 kN
Axial rigidity	44 N/µm
Bearing number	ML7009CVUJ74S
Radial rigidity	218 N/µm
Dynamic load, C	10.8 kN

Precision class	P4S
Angle (?)	15 °
Static load, C0	7 kN
Contact angle ?	17 °
Bore Diameter (mm)	45
Outer Diameter (mm)	75
Fatigue limit load, Cu	0.4 kN
Axial displacement K Factor	1.23
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic outer ring frequency, BPF0	9.86 Hz
Characteristic inner ring frequency, BPFI	12.14 Hz
Characteristic rolling element frequency, BSF	9.16 Hz