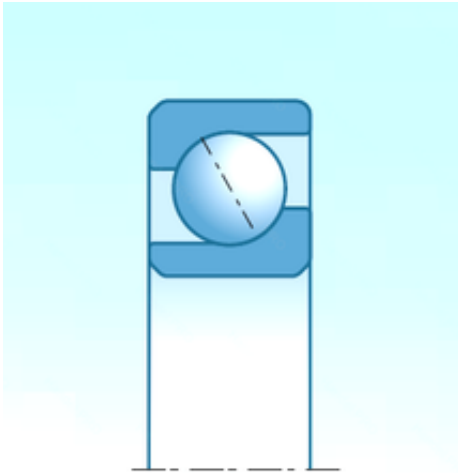




Bearing No. ML7011CVUJ74S

a	20 mm
d	55 mm
D	90 mm
B	18 mm
C	18 mm
D6	69.3 mm
d2	65 mm
f0	8.24
D1	79.91 mm
D2	83.11 mm
d1	66.8 mm
Mass	0.4 kg
Db max	83 mm
da min	62 mm
db min	62 mm
ra max	1 mm
rs min	1.1 mm
Da max	83 mm
r1s min	1 mm
r1a max	1 mm
Size (mm)	55x90x18
Width (mm)	18
Nlim (oil)	30,000 rpm
Preload level	7
Nlim (grease)	22,000 rpm
Preload value	0.08 kN
Axial rigidity	61 N/μm
Bearing number	ML7011CVUJ74S
Radial rigidity	298 N/μm
Dynamic load, C	16.6 kN

Precision class	P4S
Angle (?)	15 °
Static load, C0	11.4 kN
Contact angle ?	17 °
Bore Diameter (mm)	55
Outer Diameter (mm)	90
Fatigue limit load, Cu	0.63 kN
Axial displacement K Factor	1.02
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic outer ring frequency, BPF0	10.28 Hz
Characteristic inner ring frequency, BPFI	12.72 Hz
Characteristic rolling element frequency, BSF	8.91 Hz