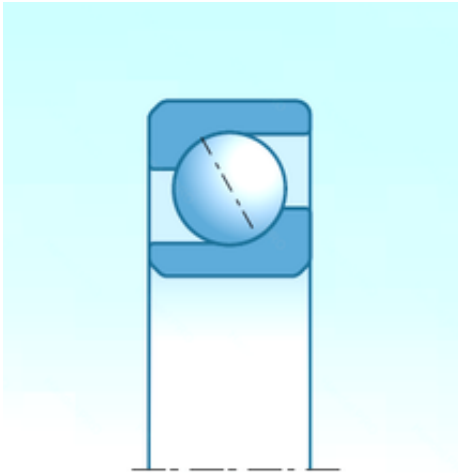




Bearing No. ML7005HVUJ74S

a	14 mm
d	25 mm
D	47 mm
B	12 mm
C	12 mm
D6	34.2 mm
d2	30.25 mm
f0	7.83
D1	42.65 mm
D2	44.25 mm
d1	32.2 mm
Mass	0.08 kg
Db max	42.5 mm
da min	29.5 mm
db min	29.5 mm
ra max	0.6 mm
rs min	0.6 mm
Da max	42.5 mm
r1s min	0.3 mm
r1a max	0.3 mm
Size (mm)	25x47x12
Width (mm)	12
Nlim (oil)	54,000 rpm
Preload level	7
Nlim (grease)	38,000 rpm
Preload value	0.06 kN
Axial rigidity	65 N/μm
Bearing number	ML7005HVUJ74S
Radial rigidity	144 N/μm
Dynamic load, C	7.1 kN

Precision class	P4S
Angle (?)	20 °
Static load, C0	3.7 kN
Contact angle ?	25 °
Bore Diameter (mm)	25
Outer Diameter (mm)	47
Fatigue limit load, Cu	0.23 kN
Axial displacement K Factor	0.84
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	7.3 Hz
Characteristic inner ring frequency, BPFI	9.7 Hz
Characteristic rolling element frequency, BSF	6.32 Hz