



Bearing No. ML7006HVUJ74S

a	16 mm
d	30 mm
D	55 mm
B	13 mm
C	13 mm
D6	40.1 mm
d2	36.15 mm
f0	8.06
D1	48.55 mm
D2	50.15 mm
d1	38.1 mm
Mass	0.11 kg
Db max	49.5 mm
da min	35.5 mm
db min	35.5 mm
ra max	1 mm
rs min	1 mm
Da max	49.5 mm
r1s min	0.6 mm
r1a max	0.6 mm
Size (mm)	30x55x13
Width (mm)	13
Nlim (oil)	46,000 rpm
Preload level	7
Nlim (grease)	32,000 rpm
Preload value	0.065 kN
Axial rigidity	74 N/μm
Bearing number	ML7006HVUJ74S
Radial rigidity	165 N/μm
Dynamic load, C	7.8 kN

Precision class	P4S
Angle (?)	20 °
Static load, C0	4.5 kN
Contact angle ?	25 °
Bore Diameter (mm)	30
Outer Diameter (mm)	55
Fatigue limit load, Cu	0.27 kN
Axial displacement K Factor	0.76
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	8.79 Hz
Characteristic inner ring frequency, BRFI	11.21 Hz
Characteristic rolling element frequency, BSF	7.4 Hz