



**Bearing No. MLE7008HVUJ74S**

a	20 mm
d	40 mm
D	68 mm
B	15 mm
C	15 mm
D6	51.4 mm
d2	46.9 mm
f0	8.22
D1	60.91 mm
D2	63.31 mm
d1	49.2 mm
Mass	0.18 kg
Db max	62.5 mm
Da max	62.5 mm
rs min	1 mm
ra max	1 mm
db min	45.5 mm
da min	45.5 mm
r1a max	0.6 mm
r1s min	0.6 mm
Size (mm)	40x68x15
Width (mm)	15
Preload level	7
Nlim (grease)	25,000 rpm
Preload value	0.09 kN
Axial rigidity	92 N/μm
Bearing number	MLE7008HVUJ74S
Radial rigidity	205 N/μm
Static load, C0	6.6 kN
Precision class	P4S

Angle (?)	20 °
Dynamic load, C	10.4 kN
Contact angle ?	25 °
Bore Diameter (mm)	40
Outer Diameter (mm)	68
Fatigue limit load, Cu	0.4 kN
Axial displacement K Factor	0.68
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic outer ring frequency, BPF0	9.81 Hz
Characteristic inner ring frequency, BRFI	12.19 Hz
Characteristic rolling element frequency, BSF	8.3 Hz