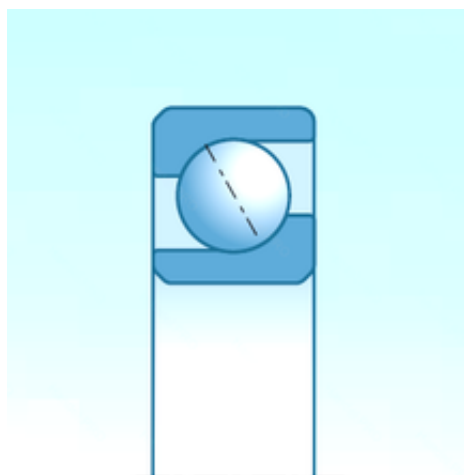




Bearing No. ML7003HVUJ74S

a	11 mm
d	17 mm
D	35 mm
B	10 mm
C	10 mm
D6	24.2 mm
d2	21.4 mm
f0	7.82
D1	30.45 mm
D2	31.05 mm
d1	22.65 mm
Mass	0.04 kg
Db max	32.5 mm
da min	19.5 mm
db min	19.5 mm
ra max	0.3 mm
rs min	0.3 mm
Da max	32.5 mm
r1s min	0.3 mm
r1a max	0.3 mm
Size (mm)	17x35x10
Width (mm)	10
Nlim (oil)	75,000 rpm
Preload level	7
Nlim (grease)	52,000 rpm
Preload value	0.03 kN
Axial rigidity	42 N/μm
Bearing number	ML7003HVUJ74S
Radial rigidity	93 N/μm
Dynamic load, C	3.55 kN

Precision class	P4S
Angle (?)	20 °
Static load, C0	1.68 kN
Contact angle ?	25 °
Bore Diameter (mm)	17
Outer Diameter (mm)	35
Fatigue limit load, Cu	0.1 kN
Axial displacement K Factor	1.03
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	6.44 Hz
Characteristic inner ring frequency, BPFI	8.56 Hz
Characteristic rolling element frequency, BSF	6.31 Hz