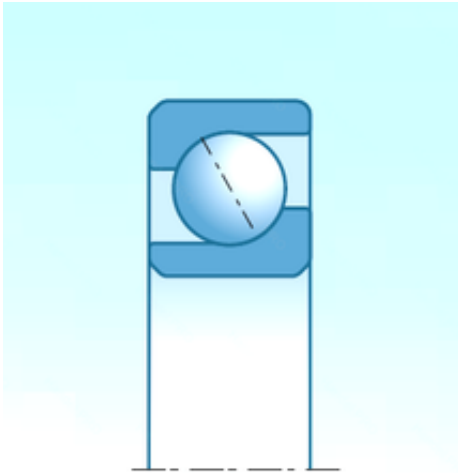




Bearing No. MLE7003HVUJ74S

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 max	32.5 mm
rs min	0.3 mm
ra max	0.3 mm
db min	19.5 mm
da min	19.5 mm
r1a max	0.3 mm
r1s min	0.3 mm
Size (mm)	17x35x10
Width (mm)	10
Preload level	7
Nlim (grease)	52,000 rpm
Preload value	0.03 kN
Axial rigidity	42 N/μm
Bearing number	MLE7003HVUJ74S
Radial rigidity	93 N/μm
Static load, C0	1.68 kN
Precision class	P4S

Angle (?)	20 °
Dynamic load, C	3.55 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	-20 °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