1.Drive board parameters

input Voltage: ±15VDC
Analog Signal input range: ±5V、±10V （Optional）
Analog Signal Input resistance: 200KΩ±1%（Differential input）
Position signal Input resistance: 1KΩ±1%
Position signal input Scale factor: 0.33V/°
Position signal output Scale factor: 0.33V/°
temperature drift: 40PPM/℃ (maximum 40PPM/℃)
working temperature: 0℃-45℃
Storage temperature: -10至+60℃
Drive board size (L * w * h): 60mm X 56mm X 33mm

2.Scanning motor parameters
Maximum scan angle: ±30°） Optical angle (factory setting + 15°）
working temperature: 0℃-45℃
Storage temperature: -10至+60℃
Working noise: ≤30db
Average operating current: 0.5A
peak current: 1.5A
Linearity: 99.9%
Small step response time: ≤0.50ms
Long time drift(Continuous work 8 hours): <0.5mRad.
Proportional drift: <50PPM/℃
Zero drift: <15μRad./℃
Repeat accuracy: 8μRad
Coil resistance: 4Ω±10%
Coil inductance: 200μH ±10
Coil temperature: ≤95℃
Lens size: 12mm*7mm*0.9mm（High quality dielectric film）
Lens reflectivity: >99% 45° Incident angle（Coverage wavelength 400nm-700nm）