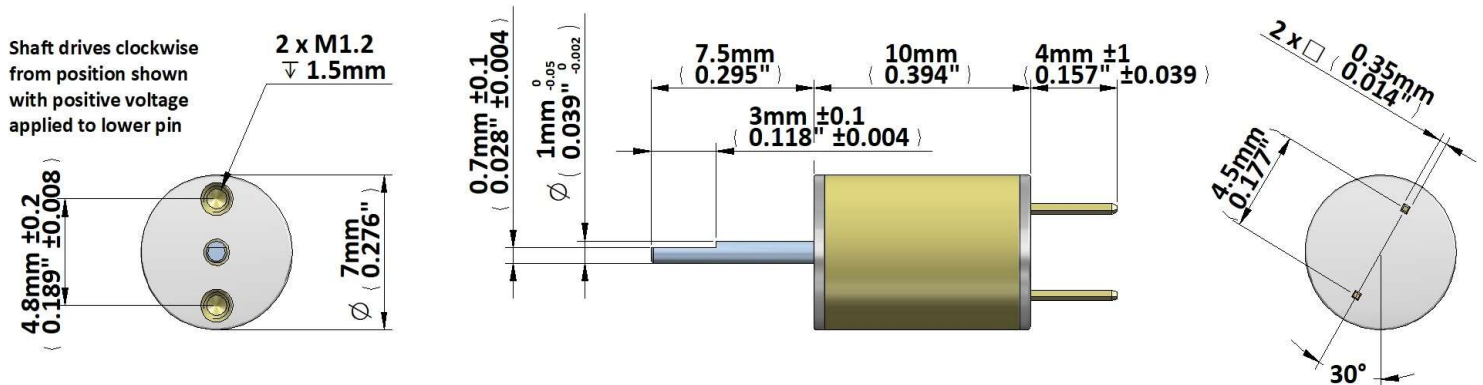


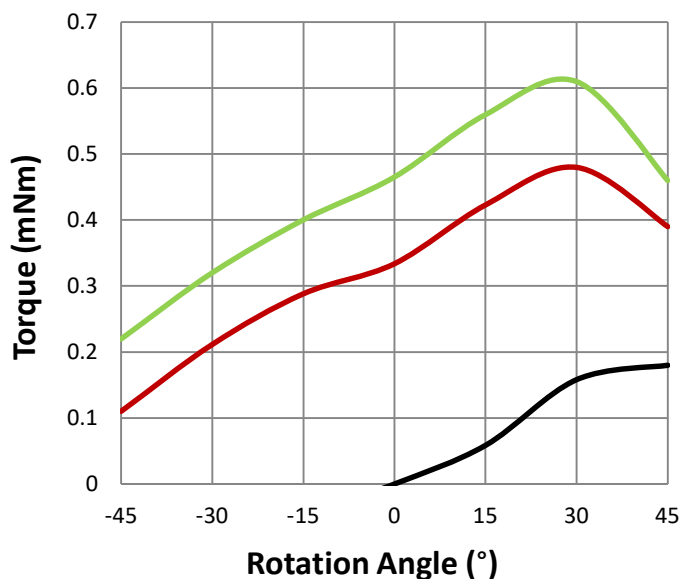
Device drawn with shaft aligned to mid position
 Nominal 9.5Ω, 180mH for operation at 315mA, 100%ED
 Rotor Inertia 0.15 gmm²
 Life Expectancy >10M cycles, no load
 Optimal rotation is +/-30°, Mass 1.5 grammes
 Insulation Resistance >5MΩ, 500VDC Megger
 Dielectric Strength 250vAC, 50/60Hz, 1 minute

Class E (120°C) insulation class

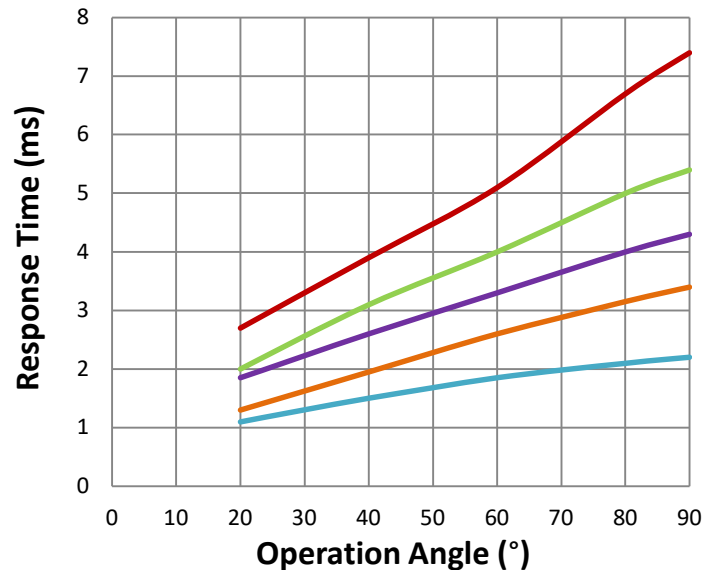


The above drawing shows the rotary shaft positioned in the center (0°) of its rotation range.
 When a positive electrode (+) is connected to the lower pin, and a negative electrode (-) to the upper pin, the shaft rotates clockwise.

Torque (mNm) vs Angle



Response (ms) vs Angle (Load Inertia 0.27gmm²)



— De-Energised — 1.3 W (Duty 100%) — 2.7 W (Duty 50%)

— 1.3W (Duty 100%) — 2.7W (Duty 50%) — 5.4W (Duty 25%)
 — 13.4W (Duty 10%) — 27.1W (Duty 5%)