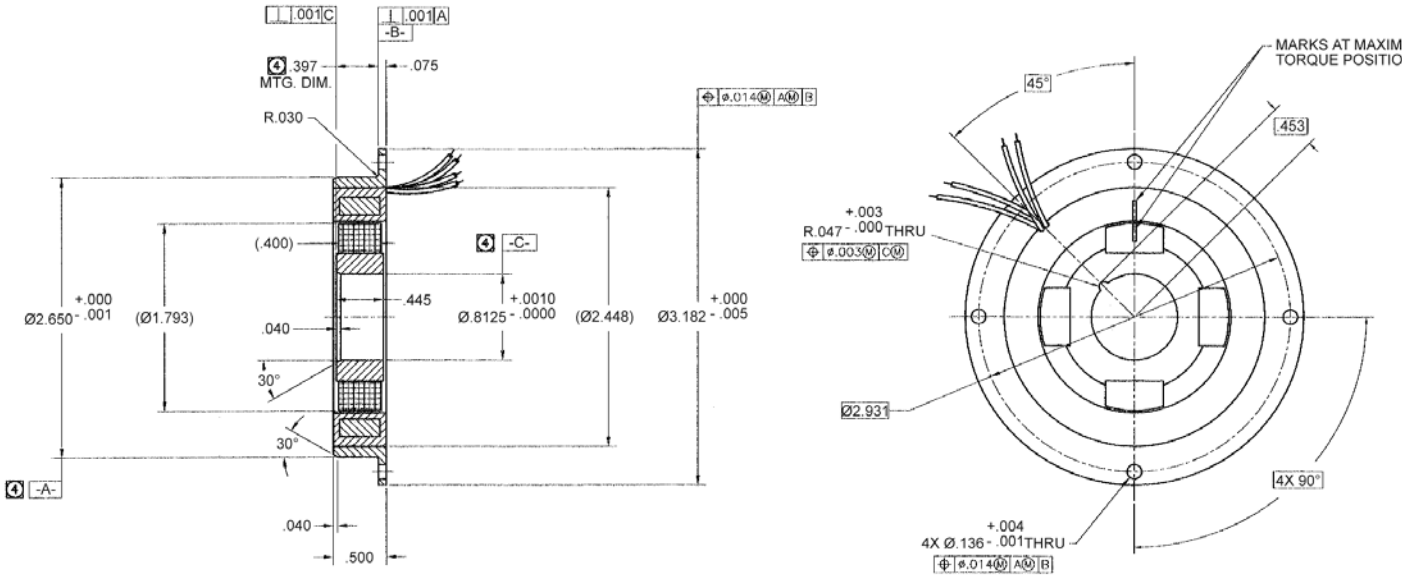
TD-3182-A-2S SPECIFICATIONS @ 25°C

Size Constants	Value	Units
Peak Torque, T_P	20	oz-in
Motor Constant, K_M	3.17	oz-in/√W
Excursion Angle	± 6	degrees
Number of Poles	4	
Weight	8.5	oz (nom)
Motor Inertia, J_M	6.00E-03	oz-in-s^2
Friction Torque, T_F	0.2	oz-in
Electrical Time Constant, τ_E	0.656	ms
Mechanical Time Constant, τ_M	84.46	ms
Winding Constants	**Value**	**Units**
Torque Sensitivity, K_T	22	oz-in/amp
Back EMF, K_E	0.155	V per rad/s
Terminal Resistance, R_M	48	ohms (nom)
Terminal Inductance, L_M	31.5	mH (nom)
Voltage, Stalled at Peak Torque, V_P	95	volts
Amps at Peak Torque, I_P	1.0	amps

TD-3182-A-2S Typical Outline Drawing



Dimensions are in inches