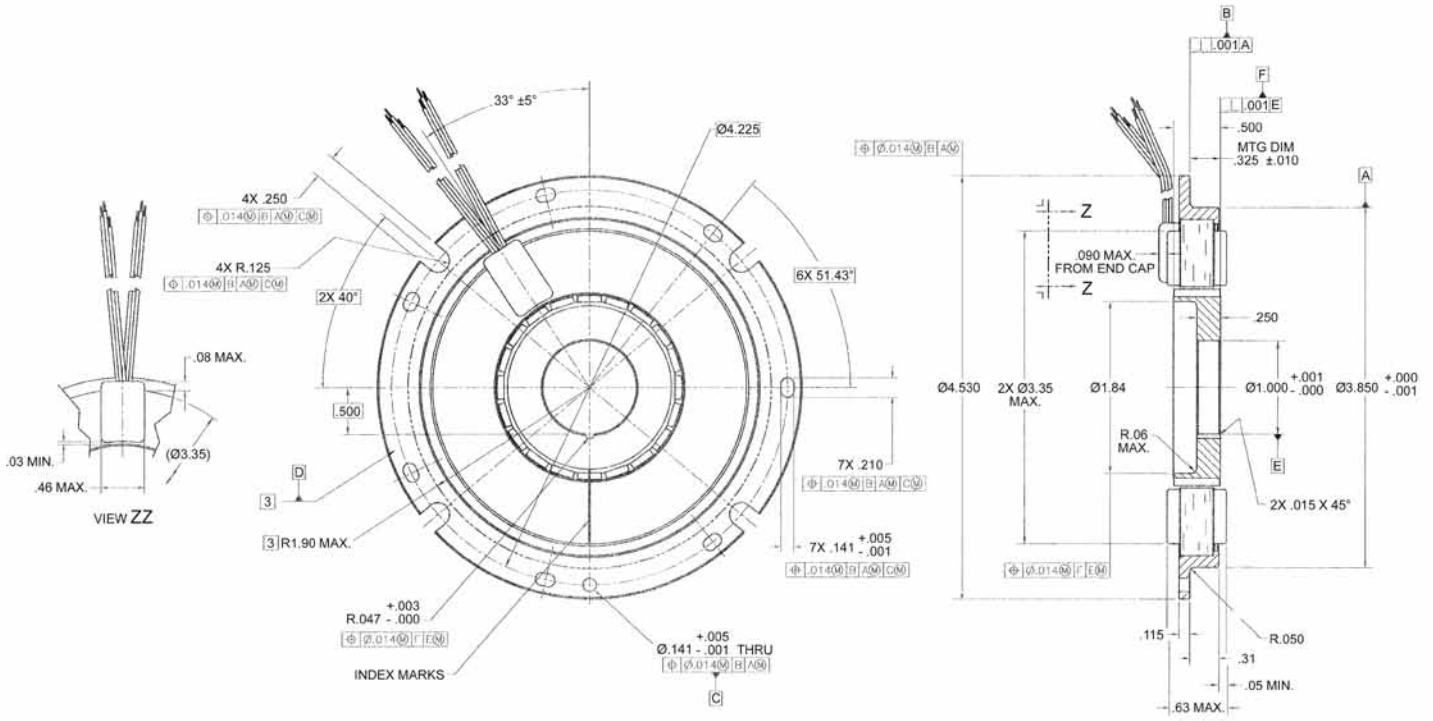
DB-4530-A-1ES SPECIFICATIONS @ 25°C

Size Constants	Value	Units
Peak Torque, T_P	192.7	oz-in
Motor Constant, K_M	16.14	oz-in/√W
Number of Poles	20	
Number of Phases	2	
Weight	17	oz (nom)
Motor Inertia, J_M	7.80E-03	oz-in-s^2
Friction Torque, T_F	2	oz-in
Electrical Time Constant, τ_E	0.450	ms
Mechanical Time Constant, τ_M	4.24	ms
Temperature Rise, Housed TPR'	1.5	°C/W
Integral Feedback Device	None	
Winding Constants	**Value**	**Units**
Torque Sensitivity, K_T	250	oz-in/amp
Back EMF, K_E	1.765	V per rad/s
Terminal Resistance, R_M	240	ohms (nom)
Terminal Inductance, L_M	108	mH (nom)
Voltage, Stalled at Peak Torque, V_P	185	volts
Amps at Peak Torque, I_P	0.77	amps

DB-4530-A-1ES Typical Outline Drawing



Dimensions are in inches