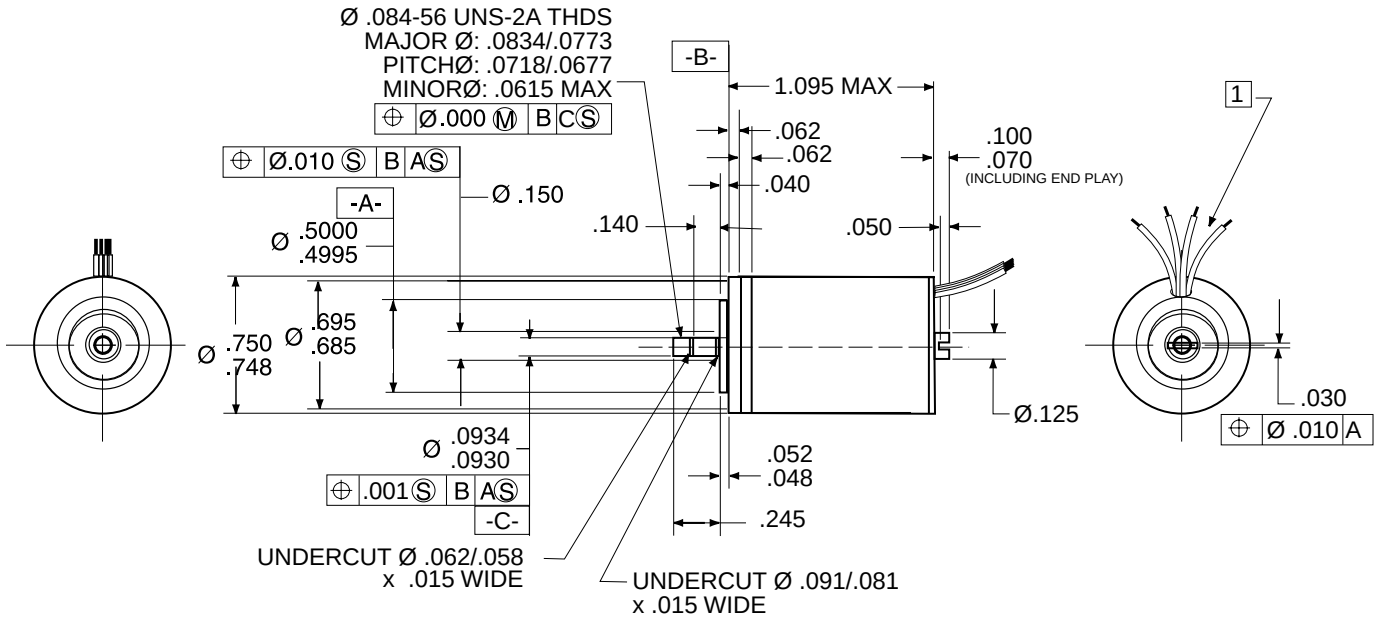
Actuator 60˚ Angle, 3 Position **8TA30**



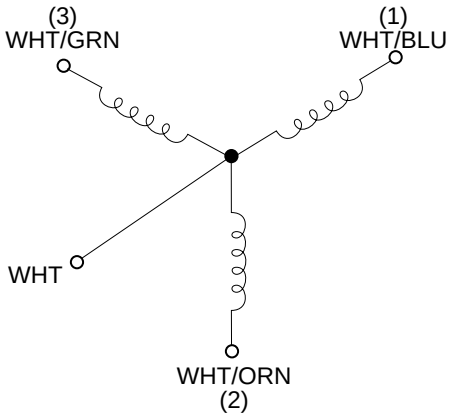
Performance Data (Room Ambient)

Voltage (Vdc)	28
DC resistance (Ohm @ 25˚C)	58±10%
Step angle (degrees)	60±1
Input current par phase (mA)	.483±10%
Starting voltage with .35 oz-in external torque (Vdc)	14.0 max
Stall torque (oz-in)	1.4 min
Detent torque (oz-in)	0.7 max
Ratio of stall torque to detent torque	2.0:1 min

Direction of step : per chart when switched as follows when viewed from mounting side of motor

	Shaft Step		Color		
			WHT/BLUE	WHT/ORN	WHT/GREEN
3 positions	0˚	1	+	0	0
	60˚ CW	2	0	+	0
	60k CCW	3	0	0	+

General Data

Rotor inertia ($g\text{-}cm^2$)	1.2
Shaft radial play measured 1/8 from bearing with 8 oz reversing radial load applied 1/4 from bearing (max)	0.0012
Shaft end play measured with a 16 oz reversing axial load	0.003/0.005
Operating temperature range (˚C)	-10 to + 105
Weight (ounces/max)	1.41

Circuit Diagram