

**Motor No.: ZH417-11-03-RO**

<b>WINDING REVISION A</b>	<b>ECN#</b>	33040
<b>FULL STEP ANGLE</b>		0.9°
<b>MOTOR FRAME SIZE</b>	<b>NEMA Size</b>	17
<b>BODY LENGTH</b>		1.1" Maximum
<b>RATED CURRENT/PHASE</b>		1.2Amps
<b>RESISTANCE/PHASE</b>		2.85 Ω ±10%
<b>INDUCTANCE/PH</b>		1.16mH±20%
<b>ROTOR INERTIA</b>		0.12oz-in <sup>2</sup>
<b>BEARING TYPE</b>		ABEC3
<b>NOMINAL HOLDING TORQUE 2 PHASE ON (±10%)</b>		17.26 oz-in
<b>AMBIENT OPERATING TEMPERATURE</b>		-20° C to 50° C
<b>AMBIENT OPERATING HUMIDITY(non condensing)</b>		85% Max
<b>LEAD WIRES</b>		(4) # 26 AWG PVC
<b>DIELECTRIC STRENGTH</b>		500V
<b>SPECIAL SPECIFICATIONS:</b>		

**LEAD WIRE CONNECTION**

- A RED
- A BLUE
- B GREEN
- B BLACK

Switching Sequence					
CCW	STEP	A	<u>A</u>	B	<u>B</u>
↓	1	+	-	+	-
	2	+	-	-	+
	3	-	+	-	+
	4	-	+	+	-
	1	+	-	+	-

Motor Rotation Viewed from Front Shaft End

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