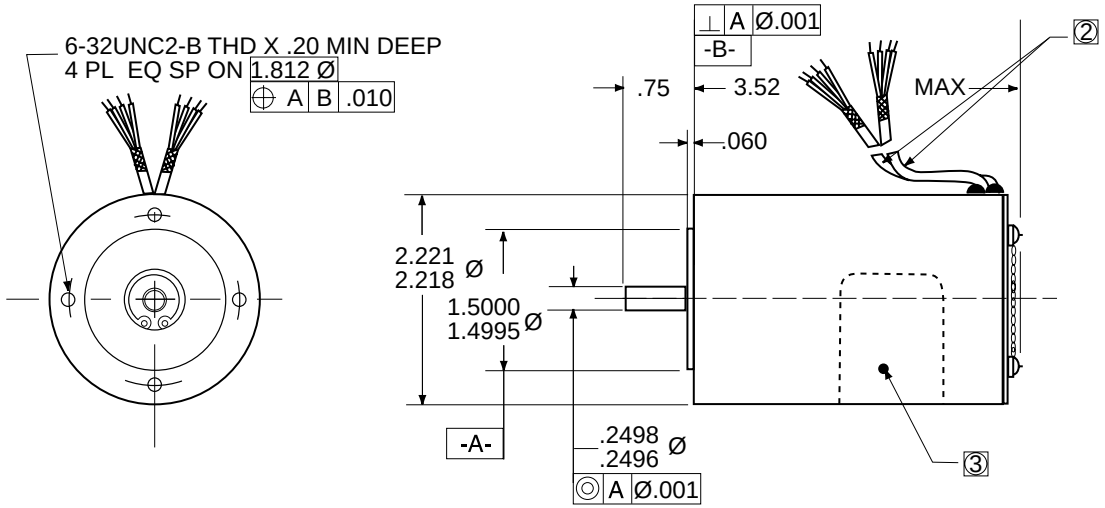


Electrical Data

VOLTAGE (VDC).....24
INPUT POWER (W)(MAX)(@-55° TO+80°C).....14.0
RESISTANCE PAR PHASE (OHM) @22°C .....59 MIN

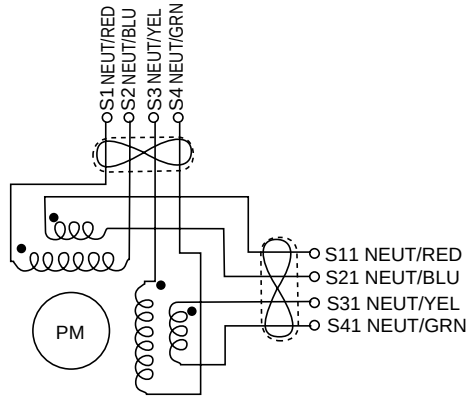
SEQUENTIAL SWITCHING INFORMATION FOR CW ROTATION VIEWED FROM SHAFT END

STEP	NEUT/RED	NEUT/BLU	NEUT/YEL	NEUT/GRN
1	+	-	0	0
2	0	0	-	+
3	-	+	0	0
4	0	0	+	-
5	+	-	0	0

General Data

STEP ANGLE (DEGREES).....0.45±10% NON-ACCUMULATIVE
STEP RATE (REVERSIBLE)(STEPS/SEC)(NOM).....5 pps TO 200 pps
RUNNING TORQUE WITH INERTIA LOAD OF 658 Kg-cm^2.....100 OZ-IN MIN @ 5 pps
STALL TORQUE (OZ-IN)(MIN)(@-55° TO +80°C).....220
DETENT TORQUE (OZ-IN)(MIN)(@-55° TO +80°C).....20 TO 40
ROTOR INERTIA (STEPPER MOTOR)(g-CM^2).....215
SHAFT RADIAL PLAY MEASURED 1/8 FROM BEARING WITH 8 OZ
REVERSING RADIAL LOAD APPLIED 1/4 FROM BEARING (MAX) 0.008
SHAFT END PLAY CHECKED WITH A 16 OZ REVERSING AXIAL LOAD...0.002 MAX
SHAFT RUNOUT NOT EXCEED .....0.001 TIR
TEMPERATURE RANGE (°C) .....-55 TO +80 OPERATING
.....-180 TO +80 NON-OPERATING
WEIGHT (LBS)(MAX).....2.1

Circuit Diagram



• INDICATES WINDINGS POLARITY
WIRE COLORS SHOWN INDICATE NEUTRAL BACKGROUND WITH COLORED STRIPE.

DUCOMMUN TECHNOLOGIES, INC. 23301 Wilmington Avenue, Carson CA 90745 **Phone 310-513-7200 Fax 310-513-7298 www.dt-usa.com**