

NORMAL CHARACTERISTICS AT 25° C

A NEW DRAWING

BREAKAWAY TORQUE (IN-OZ) 0.25 MAX

START VOLTAGE (VDC) 3.5 MAX

INPUT VOLTAGE (VDC) 27 NOM

AT NO LOAD SPEED (RPM) 12,000 NOM

BIDIRECTIONAL ERROR (PERCENT)

CURRENT (MA) .075 MAX

AT RATED LOAD (IN-OZ)

SPEED (RPM)

CURRENT (MA)

AT STALL TORQUE (IN-OZ) 2.2 REF

CURRENT (MA) 1.040 REF

RESISTANCE (OHMS) 26 NOM

TORQUE CONSTANT (IN-OZ/AMP) 2.15 NOM

INDUCTANCE (MH) 8.95 REF

BACK EMF (V/RAD/SEC) .021 REF

ROTATION CCW

OPERATING TEMP. RANGE -55 TO +100°C

ROTOR INERTIA (GM-CM²) 2.7 REF

HIPOT-ARMATURE TO GROUND 500 VAC - 60 HZ

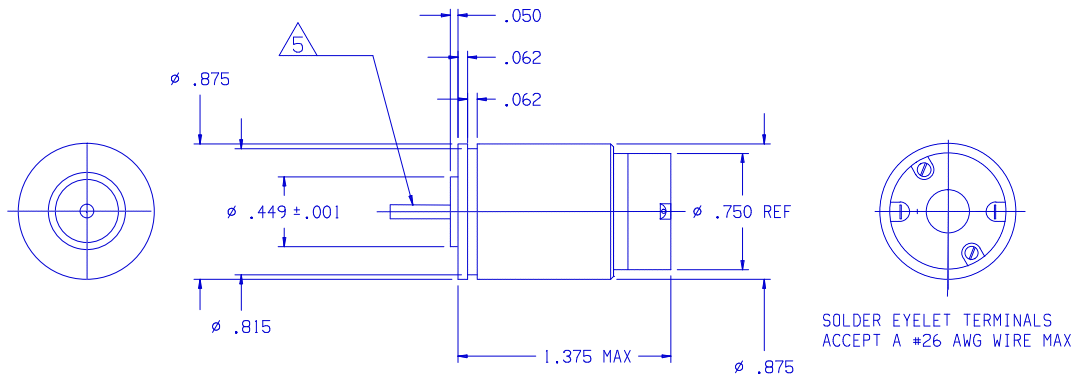
SHAFT RADIAL PLAY SEE NOTE 2 0.001 MAX

SHAFT END PLAY SEE NOTE 3 0.001-0.005 MAX

MATERIALS:

HOUSING S.S. . PASSIVATED

WEIGHT (OZ) 2.0 MAX



- NOTES: UNLESS OTHERWISE SPECIFIED:
1. ANGLES ±1°, DECIMALS ±.005, FRACTIONS ±1/64. SHARP EDGES AND BURRS REMOVED.
 2. RADIAL PLAY IS MEASURED NEXT TO BEARING UNDER AN 8 OZ. REVERSED GAGE LOAD.
 3. END PLAY IS MEASURED WITH A 1.0 LB. REVERSING LOAD.
 4. NOM. VALUES PER TP-1397. REF VALUES FOR INFORMATIVE PURPOSES ONLY.
 5. FOR SHAFT DATA REFER TO THE APPLICABLE SHAFT RIDER.

DRAWN D.D.D.	DATE 11/10/72			
APPROVED				
ENGR. D.P. ANDERSON	11/10/72	TITLE D.C. MOTOR OUTLINE DRAWING		
RELEASED D.D.D.	11/10/72	SIZE A	CAGE NO. 4H618	DWG NO 42300A-□□-08