

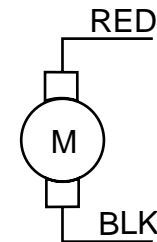
- 4. SHAFT RADIAL PLAY SHALL NOT EXCEED .002 MAX WHEN MEASURED NO MORE THAN .25 FROM FLANGE UNDER A 2 LB ±.5 REVERSING LOAD APPLIED NOT MORE THAN .375 FROM FLANGE
- 3. SHAFT END PLAY SHALL NOT EXCEED .001 UNDER A 16 OZ ± 1 OZ REVERSING LOAD
- 2. ENVIRONMENTS:
  - HUMIDITY UP TO 60% NON OPERATING
  - VACUUM OR INERT GAS DURING OPERATION
  - TEMPERATURE RANGE
    - NON-OPERATING -58°F TO 158°F
    - OPERATING -4°F TO 158°F
  - PRESSURE 760 TORR MAX TO 10<sup>-10</sup> TORR MIN

PERFORMANCE CHART AT 25°C

| VDC | TORQUE OZ-IN |      | RPM   |      |      | AMPS |      |
|-----|--------------|------|-------|------|------|------|------|
|     | MIN          | MAX  | MIN   | NOM  | MAX  | NOM  | MAX  |
| 28  | NO LOAD      |      |       | (40) | 44.3 | .050 | .135 |
|     | 180          |      | 30    |      |      | .300 | .450 |
|     | 900          | 1200 | STALL |      |      | 2.0  | 2.50 |

COMBINED FRICTION AND DETENT TORQUE 60-120 OZ-IN AVERAGE AT GEARHEAD OUTPUT SHAFT

WIRING DIAGRAM



DIRECTION OF ROTATION VIEWED AT END OF SHAFT CCW (+) ON RED (-) ON BLACK

LEADWIRES PER MIL-W-16878/4, TYPE E, 22 GA, SHIELDED WITH TUBULAR BRAID PER QQ-B-575  
LEAD LENGTH 12 FEET MIN