

### PERFORMANCE DATA (ROOM AMBIENT)

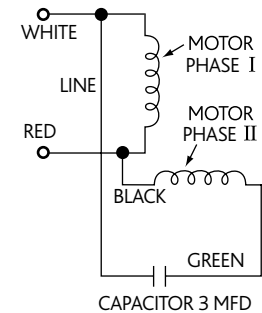
NUMBER OF PHASES .....	1
LINE VOLTAGE (VRMS) .....	400
LINE FREQUENCY (Hz) .....	60
LINE VOLTAGE WAVE SHAPE .....	SINUSOIDAL
LINE VOLTAGE TOTAL HARMONICS DISTORTION (%MAX) .....	5
STARTING TORQUE (OZ-IN) (MIN) .....	82
LINE CURRENT AT STARTING TORQUE (ARMS) (MAX) .....	1.85
RUNNING TORQUE (OZ-IN) .....	80
SHAFT SPEED AT RUNNING TORQUE (RPM) (MIN) .....	3,150
LINE CURRENT AT RUNNING TORQUE (ARMS) (MAX) .....	1.0
DUTY CYCLE:	

INTERMITTENT, 5 MINUTES MAX "ON"  
 FOLLOWED BY 5 MINUTES MIN "OFF" PERIOD

### GENERAL DATA

SHAFT END PLAY CHECKED WITH AN 8 LBS REVERSING GAGE LOAD .....	0.002/0.008
INSULATION RESISTANCE WITH 500 VDC APPLIED. W/W AND EACH W/F (MEG OHMS, MIN) .....	100
DIELECTRIC STRENGTH WITH 750 VRMS, 60 HZ APPLIED. CURRENT LEAKAGE ( $\mu$ A MAX):	
W/W .....	250
BOTH WINDINGS CONNECTED TO FRAME .....	500
MAX TEMP DOWN HOLE .....	$200^\circ \text{C}$
MAX PRESSURE (PSI) .....	20,000

### CIRCUIT DIAGRAM



FOR CCW ROTATION VIEWING THE MOTOR FROM SHAFT END. FOR CW ROTATION REVERSE WHITE AND RED LEADS (WHITE TO BLACK AND RED TO CAPACITOR LEAD).  
 CAPACITOR NOT SUPPLIED WITH MOTOR.