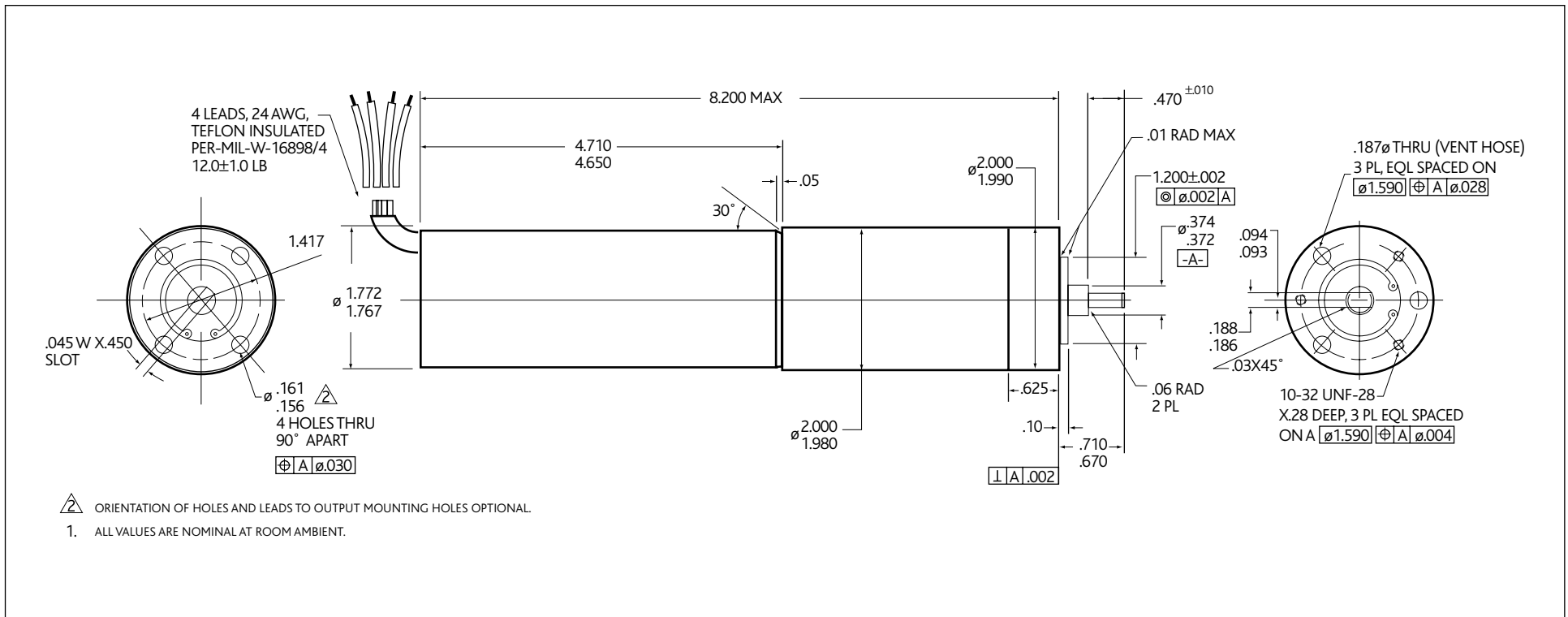


20HG5 AC INDUCTION MOTOR FOR DOWN HOLE APPLICATIONS



ELECTRONICAL AND PERFORMANCE DATA

MOTOR TYPE: SINGLE PHASE SPLIT CAPACITOR (NOT SUPPLIED) REVERSIBLE, FOUR LEADS

INPUT: LINE VOLTAGE (VRMS)115
 LINE FREQUENCY (Hz)60
 WAVE SHAPE (5% MAX TOTAL HARMONICS DISTORTION).....SINUSOIDAL

NO LOAD OPERATION:
 LINE CURRENT (AMPS)(MAX).....0.60
 SHAFT SPEED (RPM)14.0

OPERATION UNDER LOAD:
 TORQUE LOAD (OZ-IN ±150)2,400
 LINE CURRENT (AMPS)(MAX).....0.74
 POWER INPUT (LINE)(WATTS)(MAX)70
 SHAFT SPEED (RPM)(MIN)12.0

OPERATION AT STALL:
 STALL TORQUE (OZ-IN)(MIN)2,500
 LINE CURRENT (AMPS)(REF).....1.10
 POWER INPUT (LINE)(WATTS)(REF)120

GENERAL DATA

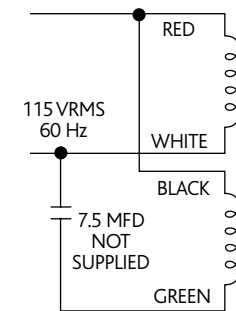
SHAFT END PLAY UNDER 3LBS REVERSING GAGE LOAD0.005 MAX

DC RESISTANCE WITH UNIT AT 25° ±5°C
 RED-WHITE(OHMS)(±10%)36
 BLACK-GREEN(OHMS)(±10%)36

OPERATING ENVIRONMENT:
 TOTAL IMMERSION IN HYDRAULIC OIL PRESSURIZED UP TO
 20,000 PSI AND HEATED UP TO 200°C

WEIGHT64 OZ

WIRING DIAGRAM



ROTATION SHALL BE CW AS VIEWED FROM THE OUTPUT SHAFT END. FOR CW ROTATION INTERCHANGE RED AND WHITE LEADS.