DESIGN NOTES:
1. VALVE - 89F22
 1.1. MATERIAL:
  1.1.1. VALVE BODY: CF8M STAINLESS STEEL
  1.1.2. BALL: 316 STAINLESS STEEL
  1.1.3. SEATS: VIRGIN PTFE
  1.1.4. STEM: 316 STAINLESS STEEL
  1.1.5. STEM PACKING: PTFE AND VITON
 1.2. VALVE PERFORMANCE / SPECS:
  1.2.1. 1" FULL PORT 2-WAY ON/OFF
  1.2.2. 2 PORTS - 1" FNPT
 1.3. MAX WORKING PRESSURE: 1000 PSI @ 70F
  1.3.1. MAX DIFFERENTIAL PRESSURE: 200 PSI @ 70F
 1.4. FLOW RATE: 68 GPM @ 1 PSI DROP (WATER)
 1.5. VALVE REPAIR KIT: EH-126-1
2. ACTUATOR - 8-ACTR
 2.1. MATERIAL:
  2.1.1. CASE: GF NYLON
  2.1.2. GASKET: SILICONE
  2.1.3. DOME: LEXAN
 2.2. ELECTRICAL:
  2.2.1. VOLTAGE: 24 VAC
  2.2.2. CABLE: 3 WIRE, 18 AWG, GXL CABLE
  2.2.3. CURRENT:
   OPERATING: 1.5A NOMINAL
   STALL: 4A NOMINAL
  2.2.4. CONNECTOR: DEUTSCH 4 PIN RECEPTACLE
   PIN 1: BLACK - POWER IN (-)
   PIN 2: - - -
   PIN 3: WHITE - SIGNAL 1 (+) TO OPEN
   PIN 4: RED - POWER IN (+)
 2.3. OPERATION:
  2.3.1. ON/OFF
  2.3.2. CYCLE TIME: 1.5S @ 24 VAC
 2.4. TEMPERATURE RATING:
   OPERATING: -32° F TO 125° F
   STORAGE: -40° F TO 185° F
 2.5. ENCLOSURE RATING:
   NEMA 6P (IMMERSIBLE)
   NEMA 7D (IGNITION SAFE)







