



ALIGN PILOT AND HOLE IN GASKET, BOTH SIDES.  
 FOR EXTERNAL PILOT OPERATION - ROTATE THE  
 ROUND ALUMINUM ADAPTOR 90 OR 180 DEGREES.  
 REMOVE 1/8" NPTF PLUG AND SUPPLY 50-160 PSI TO  
 1/8" NPTF PILOT PORT IN ADAPTOR.

NOTES:  
 1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING PARTS.  
 2) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE SOLENOID  
 OPERATOR WITH OPERATOR LISTED IN TABLE BELOW. REFERENCE AY-38M  
 DRAWING FOR REPLACEMENT COILS.

| FLG | QTY | PART NO    | DESCRIPTION                                                                  |
|-----|-----|------------|------------------------------------------------------------------------------|
| 11  | 1   | SPK-8      | KIT - SUBPLATE MOUNT, 1" SUBPLATE VALVES                                     |
| 10  | 2   | V-212      | SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL                   |
| 9   | 1   | AN-114     | NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS                         |
| 8   | 8   | V-47       | SCREW, 1/4-20 X 1, SOCKET HEAD CAP                                           |
| 7   | 2   | AY-38M-11  | CLASSIC SOLENOID - 1/2" NPT CONDUIT, 120/60                                  |
| 6   | 1   | SSA48      | ADAPTOR, SOLENOID, 1/2", 3/4" & 1" VALVE                                     |
| 5   | 2   | V-19       | PLUG, SOCKET PIPE 1/8" NPT (#601-3 PITTSBURG PLUG PART #.)                   |
| 4   | 1   | AY-SY8-LSO | SPRING CENTER SPOOL ASSY, SOLENOID - LESS OPERATOR, 3/4 & 1" VALVE           |
| 3   | 2   | ECG48      | GASKET - END CAP, 1/2", 3/4" & 1" VALVE                                      |
| 2   | 6   | V-30       | O-RING, BUNA-N, 70 DURO, AS-220, (REF 1-3/8 X 1-5/8 X 1/8), 3/4" & 1" VALVES |
| 1   | 1   | BP8-1      | BODY, 1" SUBPLATE, UPPER PILOTS, ANODIZED                                    |

LIMITS ON DIMENSIONS  
 UNLESS OTHERWISE SPECIFIED  
 2-PL DECIMAL ± .01  
 3-PL DECIMAL ± .005  
 FRACTIONAL ± 1/64  
 ANGULAR ± 1/2°

**AAA PRODUCTS INTERNATIONAL**  
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 SCALE: 1 : 1 SHEET: 1 OF 1 RELEASED: HWomack DATE: 5/31/2015

| OPERATOR VOLTAGES |                  |
|-------------------|------------------|
| PART NO           | REPLACE OPERATOR |
| SY8PM 240/60      | AY-38M-17        |
| SY8PM 24VDC       | AY-38M-8         |
| SY8PM 12VDC       | AY-38M-5         |

TITLE:  
**1" SUBPLATE, DBL SOL, 3 POS,  
 SPR CTR, SOL SHFT, CLSD CTR SPL,  
 MOLD-OVER, 120/60**

PART NO.:  
**SY8PM**  
 REV.:

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