



**NOTES:**

- 1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING.
- 2) OPEN MUFFLER 2 TURNS FROM CLOSED POSITION. TIGHTEN LOCK NUT ON MUFFLER.
- 3) INSTALL MUFFLER WITH MAGNALUBE-G GREASE 1 TO 1-1/2 TURNS FROM HAND TIGHT INTO BODY.
- 4) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE TOP CONTROL VALVE WITH VALVE LISTED IN TABLE BELOW.

THE FOLLOWING PARTS ARE INCLUDED WITH THE SUBPLATE VALVE AND ARE USED TO ASSEMBLE.

| QTY | PART NO | DESCRIPTION  |
|-----|---------|--|
| 5   | V-92    | O-RING, BUNA-N, 70 DURO, AS-014, (REF 1/2 X 5/8 X 1/16), 3/8" SUBPLATE                       |
| 4   | V-35    | SCREW, 10-24 X 7/8, SOCKET HEAD CAP  |
| 13  | 1       | SY3PDMO 3/8" SUBPLATE, DBL SOL, 3 POS, SPR CTR, REGEN CTR SPL, MOLD-OVER, 120/60, LCKNG OVRD |
| 12  | 2       | MFC2 ASSEMBLY - MUFFLER FLOW CONTROL, 1/4" NPT   |
| 11  | 2       | V-337 PLUG, SOCKET 1/4-18 FLUSH SEAL PLUG  |
| 10  | 2       | V-129 U-CUP, 1-5/8 X 1-1/8 X 1/4, NITRILE  |
| 9   | 2       | SPC12 SPOOL - PRESS. CTR, 1 1/2" & 2" VALVE  |
| 8   | 2       | V-128 O-RING, BUNA-N, 70 DURO, AS-229, (REF 2-3/8 X 2-5/8 X 1/8), 3 POS, 1-1/2" & 2" VALVES  |
| 7   | 3       | V-231 PLUG, SOCKET PRESSURE 1/16-27X 7/8 TAPER FOR 122V, 192V, FOR EC                        |
| 6   | 2       | V-89 O-RING, BUNA-N, 70 DURO, AS-110, (REF 3/8 X 9/16 X 3/32), 1" & 2" SUBPLATE PILOT        |
| 5   | 2       | PCE12E ENDCAP - PRESSURE CTR, SOLID, 6061-T6 AL, 1-1/2" & 2" VALVES                          |
| 4   | 12      | V-143 SCREW, 5/16-18 X 2, SOCKET HEAD CAP  |
| 3   | 1       | S12G SPOOL - 'G', FLOAT CTR, 1 1/2" & 2" VALVE   |
| 2   | 6       | V-123 O-RING, BUNA-N, 70 DURO, AS-331, (REF 2-1/4 X 2-5/8 X 3/16), 1-1/2" & 2" VALVES        |
| 1   | 1       | B12-6 BODY, 1 1/2" SIDE PORT, PIGGY BACK   |
| FLG | QTY     | PART NO DESCRIPTION  |

**SECTION A-A**  
VIEW FROM 3 PORT SIDE

CONTROL VALVE VOLTAGES

| PART NO         | REPLACE WITH   |
|-----------------|----------------|
| SY12GMOZ 240/60 | SY3PDMO 240/60 |
| SY12GMOZ 24VDC  | SY3PDMO 24VDC  |
| SY12GMOZ 12VDC  | SY3PDMO 12VDC  |

LIMITS ON DIMENSIONS  
UNLESS OTHERWISE SPECIFIED

2-PL DECIMAL ± .01  
3-PL DECIMAL ± .005  
FRACTIONAL ± 1/64  
ANGULAR ± 1/2°

**AAA PRODUCTS INTERNATIONAL**  
7114 Harry Hines Blvd  
Dallas, TX 75235

|   |                |                   |                |
|---|----------------|-------------------|----------------|
| DRAWN: RMckenna   | DATE: 1/1/2017 | CHECKED: KWaite   | DATE: 1/1/2017 |
| SCALE: 1/2  | SHEET: 1 OF 1  | RELEASED: HWomack | DATE: 1/1/2017 |
| TITLE:<br>1-1/2" SIDE PORT, DBL SOL, 3 POS,<br>PRSS CTR, FLOAT CTR SPL, MOLD-OVER,<br>120/60, LCKNG OVRD, EXT PILOT |                | PART NO.:         | REV.:          |
|   |                | SY12GMOZ          |                |

THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS PROPRIETARY TO AAA PRODUCTS AND MAY NOT BE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT