



12 SEE NOTES 2 & 3

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.

ALIGN END CAP PILOT WITH BODY PILOT HOLE BOTH ENDS

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 |
| 14 | 1 | SPK-16 KIT - SUBPLATE MOUNT, 2" SUBPLATE VALVES |
| 13 | 1 | ESY3PDM 3/8" SUBPLATE, DBL SOL, 3 POS, SPR CTR, SOL SHFT, REGEN CTR SPL, FLYING LEAD, 120/60 |
| 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 | BP16-6 BODY, 2" SUBPLATE, PIGGY BACK |
| FLG | QTY | PART NO DESCRIPTION |

SECTION A-A
SCALE 1/2
VIEW FROM 3 PORT SIDE

CONTROL VALVE VOLTAGES

| PART NO | REPLACE WITH |
|------------------|----------------|
| ESY16PGMZ 240/60 | ESY3PDM 240/60 |
| ESY16PGMZ 24VDC | ESY3PDM 24VDC |
| ESY16PGMZ 12VDC | ESY3PDM 12VDC |

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

DRAWN: RMckenna DATE: 6/8/2016
SCALE: 1/2 SHEET: 1 OF 1

TITLE: 2" SUBPLATE, DBL SOL, 3 POS, PRESS CTR, SOL SHFT, FLOAT CTR SPL, FLYING LEAD, 120/60, EXT PILOT

AAA PRODUCTS INTERNATIONAL
7114 Harry Hines Blvd
Dallas, TX 75235

CHECKED: KWaite DATE: 6/8/2016
RELEASED: HWomack DATE: 6/8/2016

PART NO.: ESY16PGMZ
REV.:

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