



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 | SY3PDMOT 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 | 3 | V-337 PLUG, SOCKET 1/4-18 FLUSH SEAL PLUG |
| 10 | 2 | V-129 U-CUP, 1-5/8 X 1-1/8 X 1/8, 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 | 2 | 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 | S12D SPOOL - 'D', REGEN 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 |

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



DRAWN: RMckenna DATE: 4/26/2020 CHECKED: KWaite DATE: 4/26/2020
 SCALE: 1/2 SHEET: 1 OF 1 RELEASED: HWomack DATE: 4/26/2020

| OPERATOR VOLTAGES | |
|-------------------|----------------|
| PART NO | REPLACE WITH |
| SY16PDMOT 12VDC | SY3PDMO 12VDC |
| SY16PDMOT 24VDC | SY3PDMO 24VDC |
| SY16PDMOT 240/60 | SY3PDMO 240/60 |

TITLE: 2" SUBPLATE, DBL SOL, 3 POS, REGEN SPR CTR, MOLD-OVER, 120/60, LCKNG OVRD, TPD VENT

PART NO.: SY16PDMOT

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