



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 |

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|-----|-----|----------|---|
| 13 | 1 | SY3PDEDO | 3/8" SUBPLATE, DBL SOL, 3 POS, SPR CTR, REGEN CTR SPL, ISO 4400 DIN, 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 1/4, 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 | 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 | B12-6 | BODY, 1 1/2" SIDE PORT, 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: 3/4/2016 CHECKED: KWaite DATE: 3/4/2016
 SCALE: 1/2 SHEET: 1 OF 1 RELEASED: HWomack DATE: 3/4/2016

| CONTROL VALVE VOLTAGES | |
|------------------------|-----------------|
| PART NO | REPLACE WITH |
| SY12DEDO 240/60 | SY3PDEDO 240/60 |
| SY12DEDO 24VDC | SY3PDEDO 24VDC |
| SY12DEDO 12VDC | SY3PDEDO 12VDC |

TITLE:
 1-1/2" SIDE PORT, DBL SOL, 3 POS, PRESS CTR, SOL SHFT, REGEN CTR SPL, ISO 4400 DIN, 120/60, LCKNG OVRD
 PART NO.: SY12DEDO
 REV.:

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