



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 24VDC, CONSULT FACTORY.

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                                    |

|     |     |                |   |
|-----|-----|----------------|---|
| 13  | 1   | ESY3PDTO 24VDC | 3/8" SUBPLATE, DBL SOL, 3 POS, SPR CTR, REGEN CTR SPL, ATEX, 24VDC, 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   |

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

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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|   |                 |                             |                 |
|---|-----------------|-----------------------------|-----------------|
| DRAWN: RMckenna   | DATE: 3/18/2016 | CHECKED: KWaite             | DATE: 3/18/2016 |
| SCALE: 1/2  | SHEET: 1 OF 1   | RELEASED: HWomack           | DATE: 3/18/2016 |
| TITLE:<br>1-1/2" SIDE PORT, DBL SOL, 3 POS,<br>PRESS CTR, SOL SHFT, REGEN CTR SPL,<br>ATEX, 24VDC, LCKNG OVRD |                 | PART NO.:<br>ESY12DTO 24VDC |                 |
| REV.:   |                 | REV.:                       |                 |

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

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