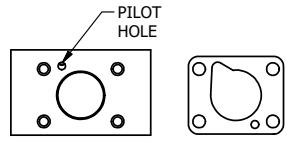
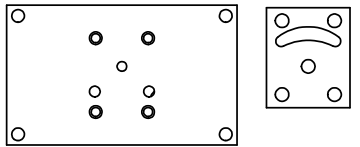


POSITION GASKET TO SEAL PILOT HOLE ON SIDE 'B' AS SHOWN.



ALIGN PILOT HOLE AND CENTER CUTOUT ON SIDE 'A' AS SHOWN.

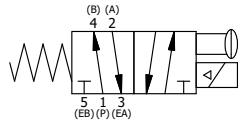


ALIGN HOLES IN GASKET AS SHOWN. (FOR EXTERNAL PILOT PRESSURE, REMOVE PIGGY BACK BLOCK AND ROTATE 180°. LEAVE GASKET AS SHOWN. REMOVE 1/8" PLUG AND CONNECT SUPPLY PRESSURE - 160 PSI MAX.)

NOTES:  
 1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING PARTS.  
 2) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE SOLENOID OPERATOR WITH OPERATOR LISTED IN TABLE BELOW. REFERENCE AY-38T DRAWING FOR REPLACEMENT COILS.

|     |     |           |                                                                       |
|-----|-----|-----------|-----------------------------------------------------------------------|
| 23  | 2   | V-212     | SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL            |
| 22  | 1   | AN-114    | NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS                  |
| 21  | 1   | V-81      | SCREW, 8-32 X 5/16, SOCKET SET, FULL DOG POINT                        |
| 20  | 1   | V-19      | PLUG, SOCKET PIPE 1/8" NPT (#601-3 PITTSBURG PLUG PART #.)            |
| 19  | 1   | PIK3      | PIN, SPOOL OVERRIDE, 303 STAINLESS, 1/4" & 3/8" VALVES                |
| 18  | 1   | V-570     | KNOB, BLACK (BRASS 1/4-20 INSERT), OS OPTION                          |
| 17  | 1   | V-78      | U-CUP, 1/2 X 1/4 X 1/8, NITRILE                                       |
| 16  | 1   | V-119     | RING, CIRCULAR PUSH ON TYPE FOR INDICATOR PIN                         |
| 15  | 1   | PEC3-5    | END CAP, INDICATOR PIN, WIPER CAVITY, 6061-T6, 1/4" & 3/8" VALVE      |
| 14  | 1   | AY-38T-11 | CLASSIC SOLENOID - STANDARD, COMPLETE OPER, TAPPED EXH., 120/60       |
| 13  | 1   | V-85      | O-RING, BUNA-N, 70 DURO, AS-010, (REF 1/4 X 3/8 X 1/16), CLASSIC OVRD |
| 12  | 1   | OS3       | SPRING - MANUAL OVERRIDE, "CLASSIC" SOLENOID                          |
| 11  | 1   | OP3       | PIN - MANUAL OVERRIDE, 1/4" & 3/8" VALVES                             |
| 10  | 4   | V-1       | SCREW, 10-24 X 2, SOCKET HEAD CAP                                     |
| 9   | 1   | PB3-3E    | ADAPTOR - SNGL SOL., W/OVERRIDE, 1/4" & 3/8" VALVES                   |
| 8   | 1   | PBG3-1    | GASKET - PIGGY BACK, SINGLE SOLENOID, 1/4" & 3/8" VALVE               |
| 7   | 1   | S3        | SPOOL - STANDARD, 2 POS, CLSD CTR, 1/4" & 3/8" VALVE                  |
| 6   | 1   | CS3       | SPRING - RETURN, (EXCEPT HO, KO & PO) 1/4" & 3/8" VALVES              |
| 5   | 1   | SEC3-A    | END CAP, VENTED, SPRING BOSS, 380 AL, 1/4" & 3/8" VALVE               |
| 4   | 8   | V-38      | SCREW, 10-24 X 3/4, SOCKET HEAD CAP                                   |
| 3   | 2   | ECG3      | GASKET - END CAP, 1/4" & 3/8" VALVE                                   |
| 2   | 6   | V-39      | O-RING, VITON, STD BODY, 1/4" & 3/8" VALVES                           |
| 1   | 1   | B2-6E     | BODY - SOLID, PIGGY BACK, ANODIZED, 1/4" SIDE PORT VALVE              |
| FLG | QTY | PART NO   | DESCRIPTION                                                           |

SECTION A-A  
SCALE 1 : 1



| OPERATOR VOLTAGES |                  |
|-------------------|------------------|
| PART NO           | REPLACE OPERATOR |
| SO20TOS 12VDC     | AY-38T-5         |
| SO20TOS 24VDC     | AY-38T-8         |
| SO20TOS 240/60    | AY-38T-17        |

|                                                                                                                    |                 |                                                                                  |                 |                                                                                |
|--------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------|
| LIMITS ON DIMENSIONS UNLESS OTHERWISE SPECIFIED                                                                    |                 | 2-PL DECIMAL ± .01<br>3-PL DECIMAL ± .005<br>FRACTIONAL ± 1/64<br>ANGULAR ± 1/2° |                 | <b>AAA PRODUCTS INTERNATIONAL</b><br>7114 Harry Hines Blvd<br>Dallas, TX 75235 |
| DRAWN: RMckenna                                                                                                    | DATE: 1/29/2020 | CHECKED: KWaite                                                                  | DATE: 1/29/2020 |                                                                                |
| SCALE: 1 : 1                                                                                                       | SHEET: 1 OF 1   | RELEASED: HWomack                                                                | DATE: 1/29/2020 |                                                                                |
| TITLE:<br><b>1/4" SIDE PORT, SNGL SOL, 2 POS, SPRING RTRN, CLASSIC SOL, 120/60, LCKNG OVRD, TPD VENT, SPL OVRD</b> |                 |                                                                                  | PART NO.:       | REV.:                                                                          |
|                                                                                                                    |                 |                                                                                  | SO20TOS         |                                                                                |

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

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