

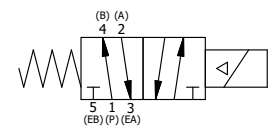
POSITION GASKET ON END OF VALVE SO GASKET COVERS PILOT HOLE, SIDE 'B' ONLY

ALIGN PILOT AND HOLE IN GASKET, SIDE 'A' ONLY FOR EXTERNAL PILOT OPERATION - ROTATE ADAPTOR AND GASKET 90 DEGREES. REMOVE V-19 PLUG AND SUPPLY 50-160 PSI TO ADAPTOR.

NOTES:  
 1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING PARTS.  
 2) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE SOLENOID COIL WITH COIL LISTED IN TABLE BELOW. SEE AY-38L ASSEMBLY FOR ADDITIONAL INFORMATION.

|     |     |           |  |
|-----|-----|-----------|--|
| 17  | 2   | V-212     | SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL                   |
| 16  | 1   | AN-114    | NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS                         |
| 15  | 1   | OP4-W     | VERRIDE PIN, SPRING RETURN, 1/2", 3/4" & 1" VALVE                            |
| 14  | 1   | OS3W      | SPRING - OVERRIDE RETURN, "CLASSIC" SOLENOID                                 |
| 13  | 1   | V-81      | SCREW, 8-32 X 5/16, SOCKET SET, FULL DOG POINT                               |
| 12  | 2   | V-85      | O-RING, BUNA-N, 70 DURO, AS-010, (REF 1/4 X 3/8 X 1/16), CLASSIC OVRD        |
| 11  | 1   | V-19      | PLUG, SOCKET PIPE 1/8" NPT (#601-3 PITTSBURG PLUG PART #.)                   |
| 10  | 1   | AY-38L-11 | CLASSIC SOLENOID, 120/60, W/DUST EXCLUDER                                    |
| 9   | 4   | V-47      | SCREW, 1/4-20 X 1, SOCKET HEAD CAP   |
| 8   | 1   | SSA48-OW  | ADAPTOR, 'A' SIDE, CLASSIC SOL., NON-LOCKING OVERRIDE, 1/2", 3/4" & 1" VALVE |
| 7   | 1   | S8        | SPOOL - STANDARD, 2 POS, CLSD CTR, 3/4" & 1" VALVE                           |
| 6   | 1   | CS8       | SPRING - RETURN, 3/4" & 1" VALVES  |
| 5   | 1   | PEC48-3   | END CAP, VENTED, 380 AL, 1/2", 3/4" & 1" VALVES                              |
| 4   | 4   | V-46      | SCREW, 1/4-20 X 3/4, SOCKET HEAD CAP   |
| 3   | 2   | ECG48     | GASKET - END CAP, 1/2", 3/4" & 1" VALVE                                      |
| 2   | 6   | V-30      | O-RING, BUNA-N, 70 DURO, AS-220, (REF 1-3/8 X 1-5/8 X 1/8), 3/4" & 1" VALVES |
| 1   | 1   | B8-1      | BODY, 1" SIDE PORT, UPPER PILOTS, ANODIZED                                   |
| FLG | QTY | PART NO   | DESCRIPTION  |

SECTION A-A  
SCALE 3/4



| OPERATOR VOLTAGES |                  |
|-------------------|------------------|
| PART NO           | REPLACE OPERATOR |
| SO80NL 12VDC      | AY-38L-5         |
| SO80NL 24VDC      | AY-38L-8         |
| SO80NL 240/60     | AY-38L-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: 1/8/2020 | CHECKED: KWaite  | DATE: 1/8/2020             |  |
| SCALE: 3/4   | SHEET: 1 OF 1  | RELEASED: HWomack  | DATE: 1/8/2020             |  |
| TITLE:<br><b>1" SIDE PORT, SNGL SOL, 2 POS, SPR RTRN, CLASSIC SOL, 120/60, NON-LCKNG OVRD, DUST EXCLDR</b> |                |  | PART NO.:<br><b>SO80NL</b> | 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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