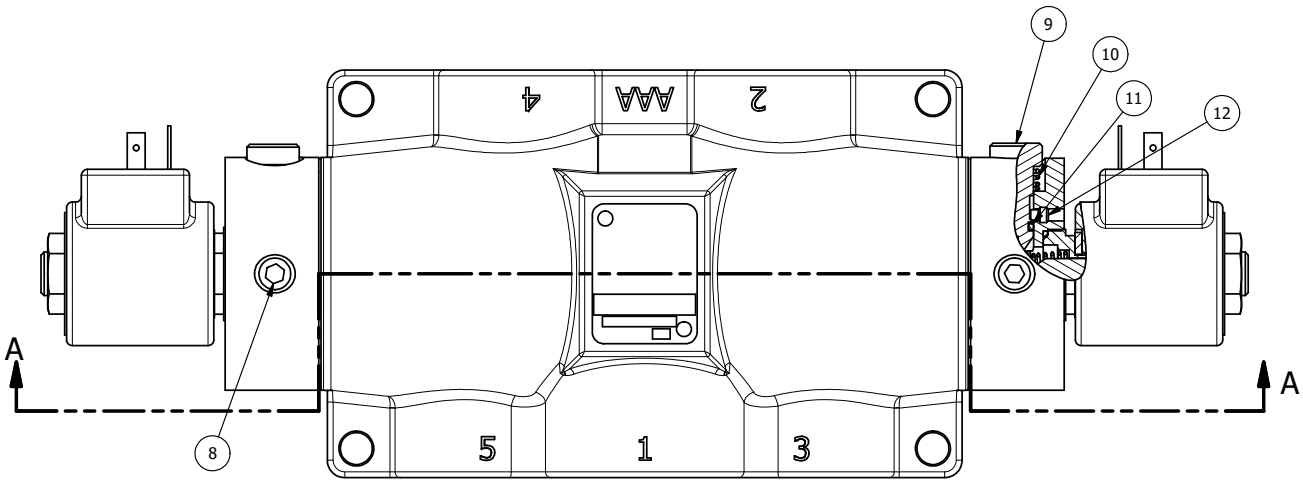
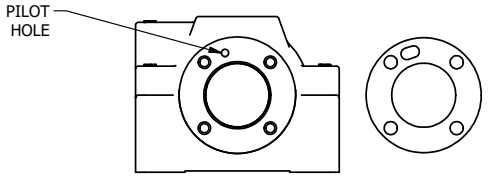
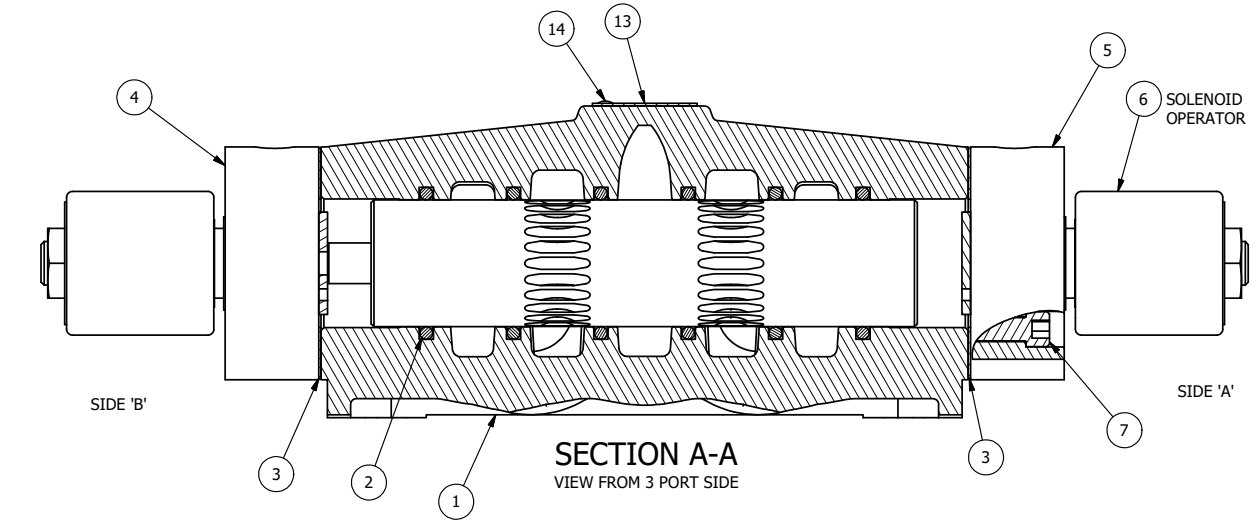


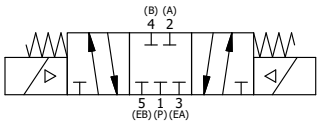

ALIGN PILOT AND HOLE IN GASKET, BOTH SIDES.
FOR EXTERNAL PILOT OPERATION - ROTATE THE ROUND ALUMINUM ADAPTOR 90 OR 180 DEGREES.
REMOVE 1/8" NPTF PLUG AND SUPPLY 50-160 PSI TO 1/8" NPTF PILOT PORT IN ADAPTOR.

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-38EDT DRAWING FOR REPLACEMENT COILS.




SECTION A-A
VIEW FROM 3 PORT SIDE

| | | | |
|---|---|---|---|
| 14 | 2 | V-212 | SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL |
| 13 | 1 | AN-114 | NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS |
| 12 | 2 | V-81 | SCREW, 8-32 X 5/16, SOCKET SET, FULL DOG POINT |
| 11 | 2 | V-85 | O-RING, BUNA-N, 70 DURO, AS-010, (REF 1/4 X 3/8 X 1/16), CLASSIC OVRD |
| 10 | 2 | OS3 | SPRING - MANUAL OVERRIDE, "CLASSIC" SOLENOID |
| 9 | 2 | POP-3 | OVERRIDE, PUSH PIN, 303 STAINLESS, 1/4" & 3/8" VALVE |
| 8 | 2 | V-19 | PLUG, 1/8-27 NPT, 7/8 TAPER, FLUSH SEAL, SOCKET PIPE PLUG W/LOCTITE RED VIBRA-SEAL |
| 7 | 8 | V-47 | SCREW, 1/4-20 X 1, SOCKET HEAD CAP |
| 6 | 2 | AY-38EDT-11 | CLASSIC SOLENOID - ISO 4400 DIN, 1/8" NPTF SOL EXHST, 120/60 |
| 5 | 1 | SSA48-OP | ADAPTOR, 'A' SIDE, CLASSIC SOL., POP PIN OVERRIDE, 1/2", 3/4" & 1" VALVE |
| 4 | 1 | AY-SY80P-LSO | ASSY - SPR CTR, CLSD CTR SPL, CLSC SOL, LESS OPER, PUSH OVRD, 3/4" & 1" VALVE |
| 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 | B6-1 | BODY, 3/4" SIDE PORT, UPPER PILOTS, ANODIZED |
| FLG | QTY | PART NO | DESCRIPTION |




| OPERATOR VOLTAGES | |
|---|---|
| PART NO | REPLACE OPERATOR |
| SY6EDOPT 12VDC | AY-38EDT-5 |
| SY6EDOPT 24VDC | AY-38EDT-8 |
| SY6EDOPT 240/60 | AY-38EDT-17 |

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

AAA PRODUCTS INTERNATIONAL
7114 Harry Hines Blvd
Dallas, TX 75235

DRAWN: RMcKenna DATE: 3/29/2025
CHECKED: KWaite DATE: 3/29/2025
SCALE: 1 : 1 SHEET: 1 OF 1
RELEASED: HWomack DATE: 3/29/2025

TITLE: 3/4" SIDE PORT, DBL SOL, 3 POS, SPR CLSD CTR, ISO 4400, 120/60, PUSH OVRD, TAPPED VENT

PART NO.: SY6EDOPT

REV.:

D:\Engineering\Product\Valves\Assembly\classic\SY\SY6\SY6EDOPT.dw

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