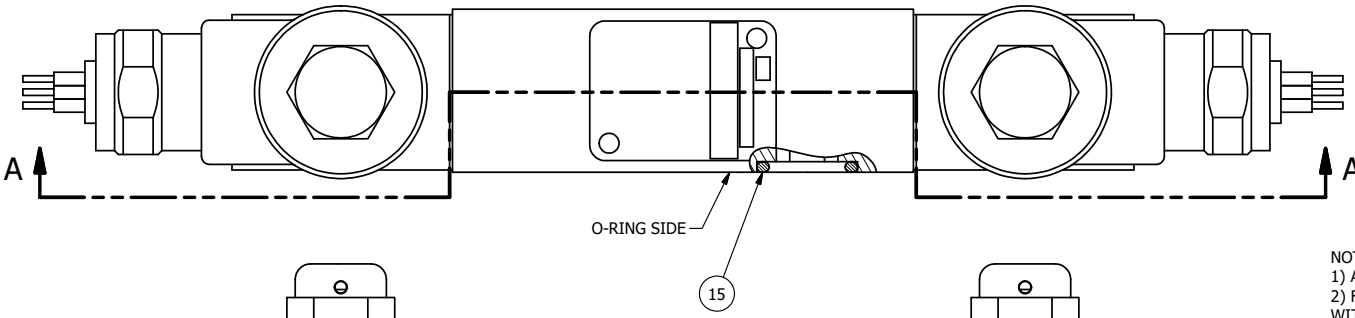
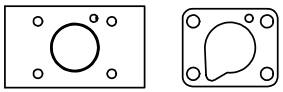
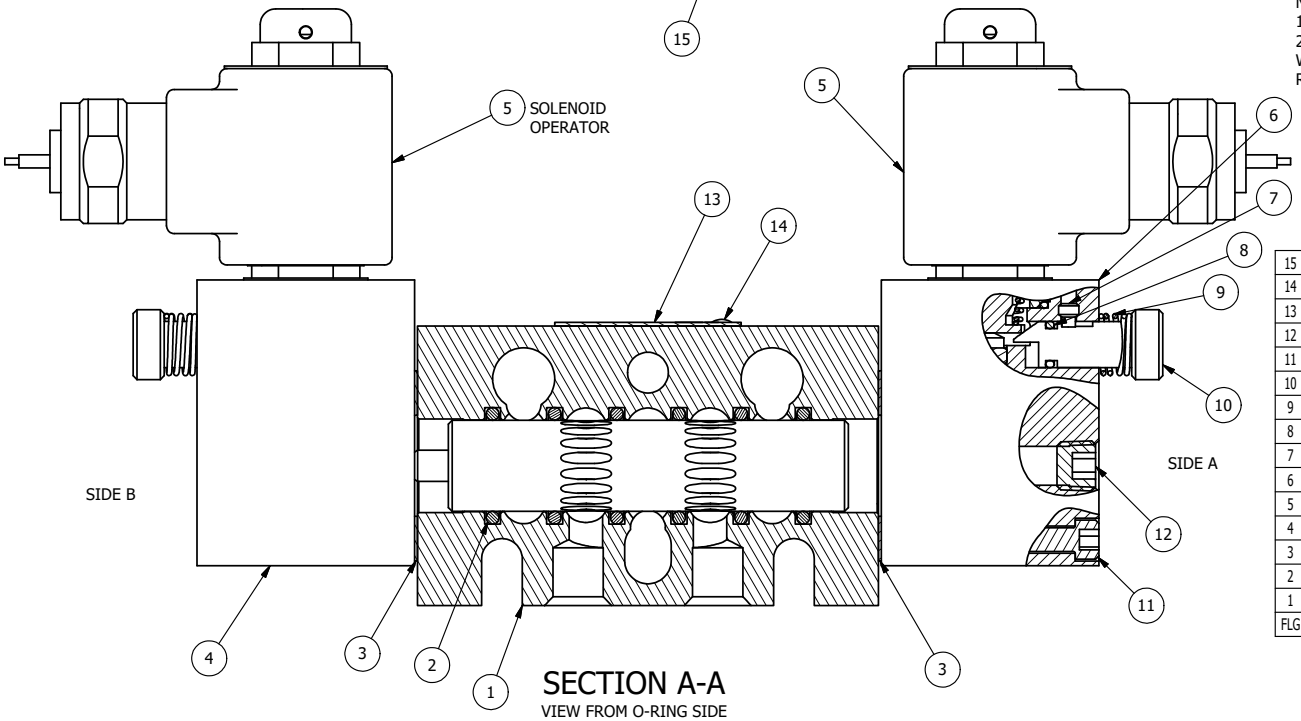




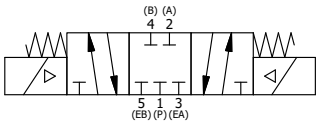
POSITION GASKET ON END OF VALVE
TO ALIGN PILOT HOLES,
BOTH ENDS (SIDE 'B' SHOWN)

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-38 DRAWING FOR REPLACEMENT COILS.



SECTION A-A
VIEW FROM O-RING SIDE

FLG	QTY	PART NO	DESCRIPTION
15	3	V-110	O-RING, BUNA-N, 70 DURO, AS-114, (REF 5/8 X 13/16 X 3/32), 1/4" SLEEVE, 1/2" SUB, STACK
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-19	PLUG, 1/8-27 NPT, 7/8 TAPER, FLUSH SEAL, SOCKET PIPE PLUG W/LOCTITE RED VIBRA-SEAL
11	8	V-1	SCREW, 10-24 X 2, SOCKET HEAD CAP
10	2	POP-3	OVERRIDE, PUSH PIN, 303 STAINLESS, 1/4" & 3/8" VALVE
9	2	OS3	SPRING - MANUAL OVERRIDE, "CLASSIC" SOLENOID
8	2	V-85	O-RING, BUNA-N, 70 DURO, AS-010, (REF 1/4 X 3/8 X 1/16), CLASSIC OVRD
7	2	V-81	SCREW, 8-32 X 5/16, SOCKET SET, FULL DOG POINT
6	1	PB3-6E	ADAPTOR - SOLENOID, WITH O'RIDE, SINGLE PILOT, 1/4" & 3/8" STACKING VALVE
5	2	AY-38ML-11	CLASSIC SOLENOID - 1/2" NPT CONDUIT, DUST EXCLDR, 120/60
4	1	AY-BSY3O	ASSY - SPR CTR, CLSD CTR SPL, LESS OPER, LCKNG OVRD, 1/4" & 3/8" STACK VALVES
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	B2-10E	FINISHED - SOLID BODY, UPPER PILOTS, 1/4" STACKING VALVE



OPERATOR VOLTAGES	
PART NO	REPLACE OPERATOR
BSY2MOPL 12VDC	AY-38ML-5
BSY2MOPL 24VDC	AY-38ML-8
BSY2MOPL 240/60	AY-38ML-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: 2/19/2025
CHECKED: KWaite DATE: 2/19/2025
SCALE: 1 : 1 SHEET: 1 OF 1
RELEASED: HWomack DATE: 2/19/2025

TITLE: 1/4" STACK, DBL SOL, 3 POS, SPR CLSD CTR, MOLD-OVER, 120/60, PUSH OVRD, DUST EXCLDR

PART NO.: BSY2MOPL

REV.:

D:\Engineering\Product\Valves\Assembly\Classic\SY3xx\BSY2MOPL.dw

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