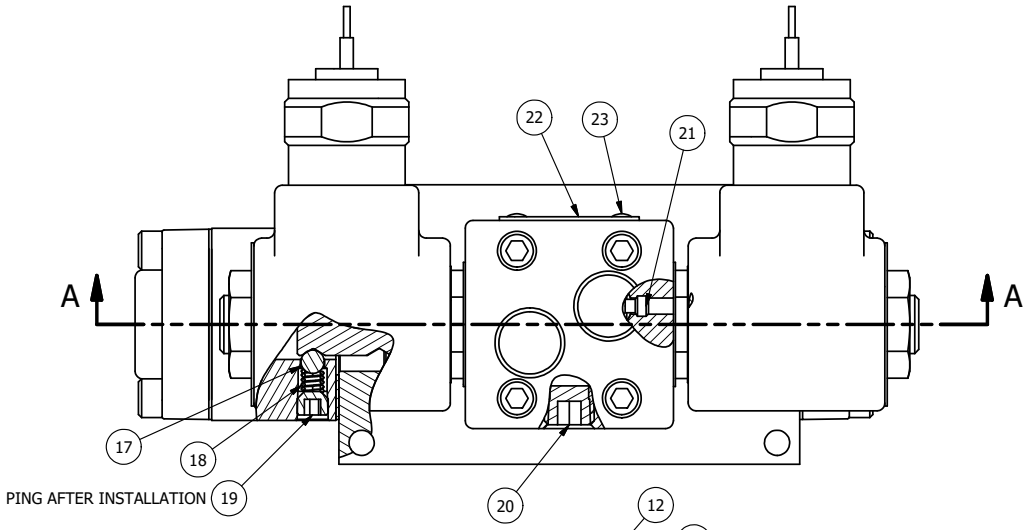
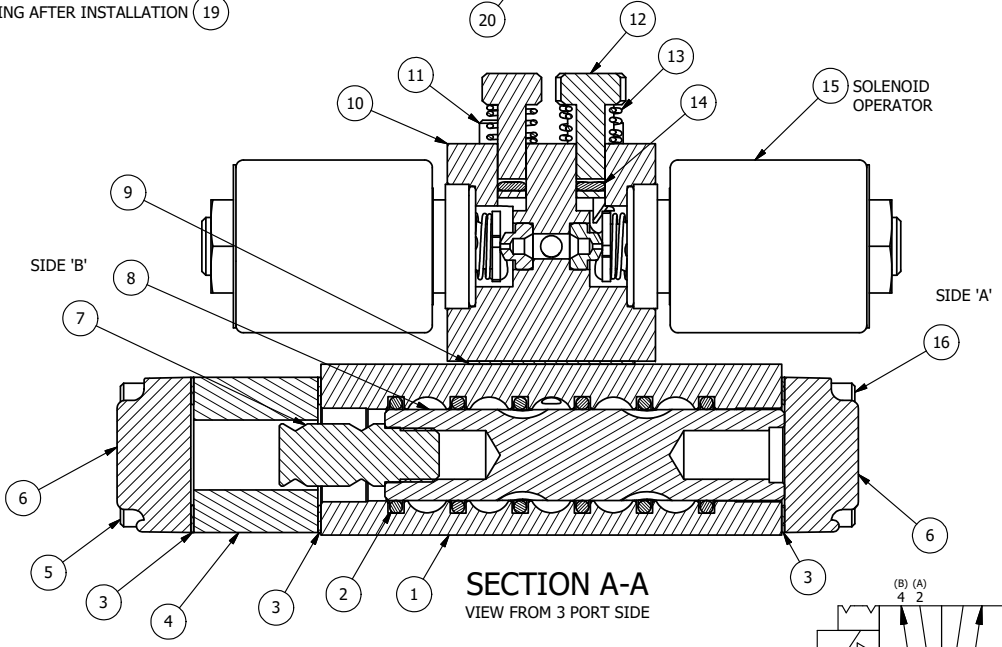
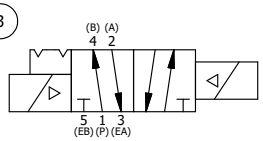
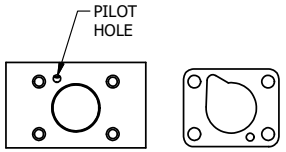




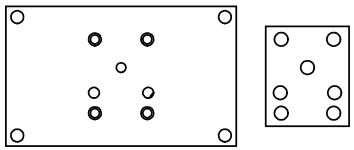
SECTION A-A
VIEW FROM 3 PORT SIDE



OPERATOR VOLTAGES	
PART NO	REPLACE OPERATOR
SS2MOPTQ 12VDC	AY-38MT-5
SS2MOPTQ 24VDC	AY-38MT-8
SS2MOPTQ 240/60	AY-38MT-17



ALIGN PILOT HOLE AND CENTER CUTOUT ON BOTH SIDES.



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-38MT DRAWING FOR REPLACEMENT COILS.
3) LUBRICATE DETENT BALL, SPRING AND STUD.

FLG	QTY	PART NO	DESCRIPTION
23	2	V-212	SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL
22	1	AN-115	NAMEPLATE, BLANK, FOR HE,KE,RR,D,CR,PP,SR,SS VALVES
21	2	V-81	SCREW, 8-32 X 5/16, SOCKET SET, FULL DOG POINT
20	1	V-19	PLUG, 1/8-27 NPT, 7/8 TAPER, FLUSH SEAL, SOCKET PIPE PLUG W/LOCTITE RED VIBRA-SEAL
19	1	V-21	SCREW, 1/4-20 X 3/16, SOCKET SET, CUP POINT
18	1	DS3	SPRING - DETENT, 1/4" & 3/8" VALVE
17	1	V-14	BALL, CHROME STEEL 3/16 DIA, GRADE 25, FOR DETENT
16	4	V-38	SCREW, 10-24 X 3/4, SOCKET HEAD CAP
15	2	AY-38MT-11	CLASSIC SOLENOID - 1/2" NPT CONDUIT, 120/60, TAPPED EXH
14	2	V-85	O-RING, BUNA-N, 70 DURO, AS-010, (REF 1/4 X 3/8 X 1/16), CLASSIC OVRD
13	2	OS3	SPRING - MANUAL OVERRIDE, "CLASSIC" SOLENOID
12	2	POP-3	OVERRIDE, PUSH PIN, 303 STAINLESS, 1/4" & 3/8" VALVE
11	4	V-1	SCREW, 10-24 X 2, SOCKET HEAD CAP
10	1	PB3-4E	ADAPTOR - DBL SOL., W/OVERRIDE, 1/4" & 3/8" VALVES
9	1	PBG3	GASKET - PIGGY BACK, DOUBLE SOLENOID, 1/4" & 3/8" VALVE
8	1	S3R	SPOOL - SOLID, STANDARD, 2 POS, CLSD CTR, 1/4" & 3/8" VALVE
7	1	PBS3-13	STUD - POS. A & C. DETENT, SOLENOID OPERATOR, STAINLESS, 1/4" & 3/8" VALVE
6	2	SEC3-1	END CAP, NON-VENTED, 380 AL, 1/4" & 3/8" VALVES
5	4	V-614	SCREW, 10-24 X 1-3/4", SOCKET HEAD CAP
4	1	PEC3-18	ENDCAP, SPACER, DETENT, SOLENOID, 6061-T6, 1/4" & 3/8" VALVES
3	3	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

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: 2/26/2025
CHECKED: KWaite DATE: 2/26/2025
SCALE: 1 : 1 SHEET: 1 OF 1
RELEASED: HWomack DATE: 2/26/2025

TITLE: 1/4" SIDE PORT, DBL SOL, 2 POS, DTNT, SOL RTRN, MOLD-OVER, 120/60, PUSH OVRD, TPD VENT

PART NO.: SS2MOPTQ

REV.:

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