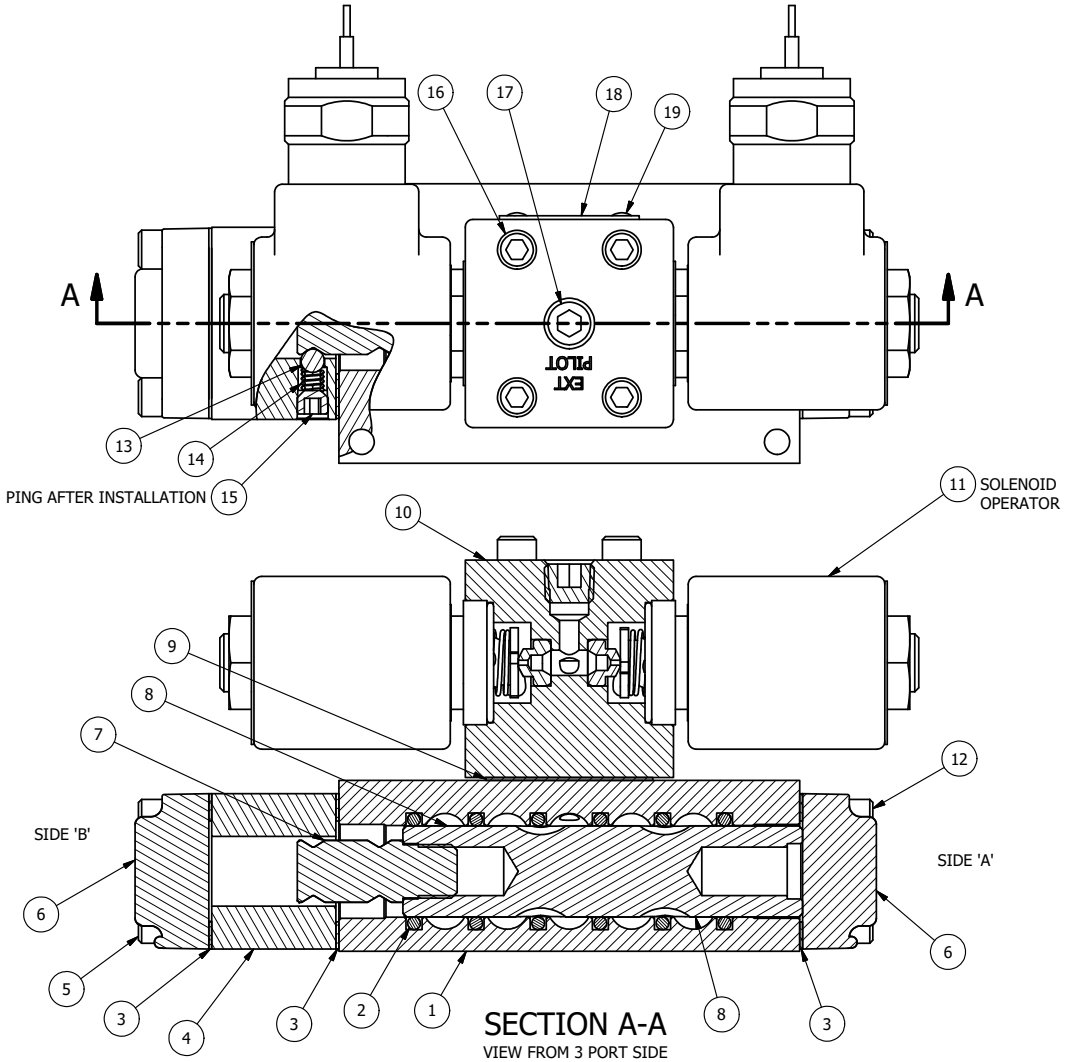
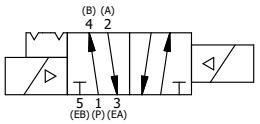
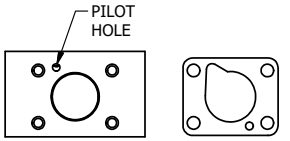


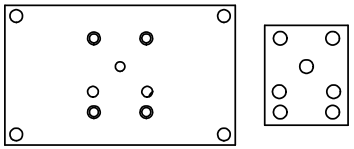
SECTION A-A
VIEW FROM 3 PORT SIDE



OPERATOR VOLTAGES	
PART NO	REPLACE OPERATOR
SS3MTQ 12VDC	AY-38MT-5
SS3MTQ 24VDC	AY-38MT-8
SS3MTQ 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
19	2	V-212	SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL
18	1	AN-114	NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS
17	1	V-19	PLUG, 1/8-27 NPT, 7/8 TAPER, FLUSH SEAL, SOCKET PIPE PLUG W/LOCTITE RED VIBRA-SEAL
16	4	V-1	SCREW, 10-24 X 2, SOCKET HEAD CAP
15	1	V-21	SCREW, 1/4-20 X 3/16, SOCKET SET, CUP POINT
14	1	DS3	SPRING - DETENT, 1/4" & 3/8" VALVE
13	1	V-14	BALL, CHROME STEEL 3/16 DIA, GRADE 25, FOR DETENT
12	4	V-38	SCREW, 10-24 X 3/4, SOCKET HEAD CAP
11	2	AY-38MT-11	CLASSIC SOLENOID - 1/2" NPT CONDUIT, 120/60, TAPPED EXH
10	1	PB3-2E	ADAPTOR - DOUBLE SOLENOID, 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	B3-6E	BODY - SOLID, PIGGY BACK, ANODIZED, 3/8" 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: 2/17/2025
CHECKED: KWaite DATE: 2/17/2025
SCALE: 1 : 1 SHEET: 1 OF 1
RELEASED: HWomack DATE: 2/17/2025

TITLE: 3/8" SIDE PORT, DBL SOL, 2 POS, DETENT, SOL RTRN, MOLD-OVER, TAPPED VENT,120/60

PART NO.: SS3MTQ

REV.:

D:\Engineering\Product\Valves\Assembly\classic\SS3\SS3MTQ.idw

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