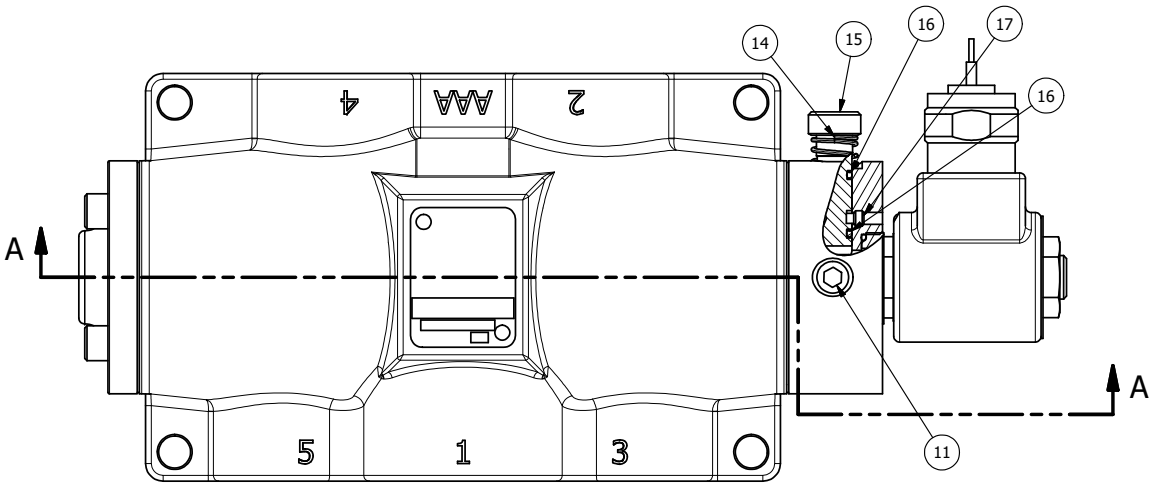
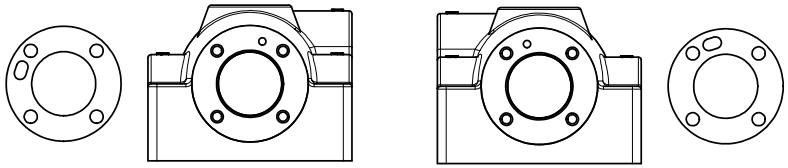
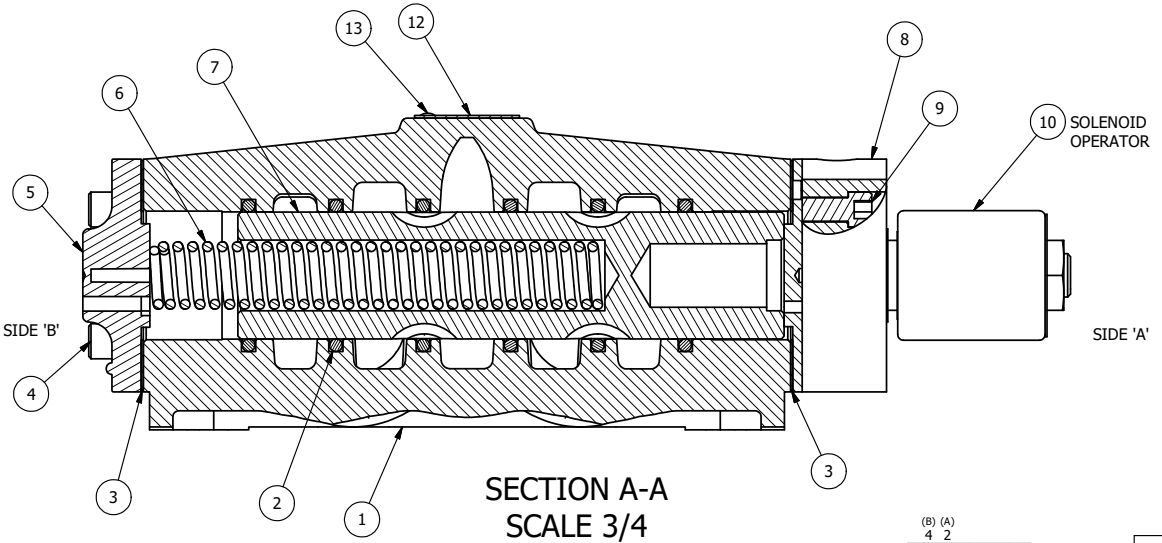




POSITION GASKET ON END OF VALVE SO GASKET COVERS PILOT HOLE, SIDE 'B' ONLY

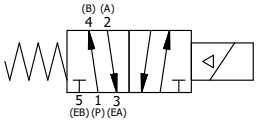
ALIGN PILOT AND HOLE IN GASKET, SIDE 'A' ONLY FOR EXTERNAL PILOT OPERATION - ROTATE ADAPTOR AND GASKET 90 DEGREES. REMOVE V-19 PLUG AND SUPPLY 50-160 PSI TO ADAPTOR.

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-38MT ASSEMBLY FOR ADDITIONAL INFORMATION.



SECTION A-A
SCALE 3/4

17	1	V-81	SCREW, 8-32 X 5/16, SOCKET SET, FULL DOG POINT
16	2	V-85	O-RING, BUNA-N, 70 DURO, AS-010, (REF 1/4 X 3/8 X 1/16), CLASSIC OVRD
15	1	OP4	PIN , MANUAL OVERRIDE, 1/2", 3/4" & 1" VALVES
14	1	OS3	SPRING - MANUAL OVERRIDE, "CLASSIC" SOLENOID
13	2	V-212	SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL
12	1	AN-114	NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS
11	1	V-19	PLUG, 1/8-27 NPT, 7/8 TAPER, FLUSH SEAL, SOCKET PIPE PLUG W/LOCTITE RED VIBRA-SEAL
10	1	AY-38MT-11	CLASSIC SOLENOID - 1/2" NPT CONDUIT, 120/60, TAPPED EXH
9	4	V-47	SCREW, 1/4-20 X 1, SOCKET HEAD CAP
8	1	SSA48-O	ADAPTOR, 'A' SIDE, CLASSIC SOL., OVERRIDE, SOLID, 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



OPERATOR VOLTAGES	
PART NO	REPLACE OPERATOR
SO8MOT 12VDC	AY-38MT-5
SO8MOT 24VDC	AY-38MT-8
SO8MOT 240/60	AY-38MT-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: 1/3/2020
CHECKED: KWaite DATE: 1/3/2020
SCALE: 3/4 SHEET: 1 OF 1
RELEASED: HWomack DATE: 1/3/2020

TITLE:
1" SIDE PORT, SNGL SOL, 2 POS, SPR RTRN, MOLD-OVER, 120/60, LCKNG OVRD, TAPPED VENT

PART NO.: SO8MOT

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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