

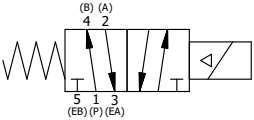
POSITION GASKET ON END OF VALVE SO GASKET COVERS PILOT HOLE, SIDE 'B' ONLY

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-38 ASSEMBLY FOR ADDITIONAL INFORMATION.

FLG	QTY	PART NO	DESCRIPTION
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, SOCKET PIPE 1/8" NPT (#601-3 PITTSBURG PLUG PART #.)
10	1	AY-38-11	CLASSIC SOLENOID - STANDARD, COMPLETE OPERATOR, 120/60
9	4	V-47	SCREW, 1/4-20 X 1, SOCKET HEAD CAP
8	1	SSA48-0	ADAPTOR, 'A' SIDE, CLASSIC SOL., OVERRIDE, 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

SECTION A-A
SCALE 3/4



OPERATOR VOLTAGES	
PART NO	REPLACE OPERATOR
SO80 240/60	AY-38-17
SO80 24VDC	AY-38-8
SO80 12VDC	AY-38-5

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: 3/23/2015	CHECKED: KWaite	DATE: 6/4/2015	
SCALE: 3/4	SHEET: 1 OF 1	RELEASED: HWomack	DATE: 6/4/2015	
TITLE: 1" SIDE PORT, SNGL SOL, 2 POS, SPR RTRN, CLASSIC SOL, 120/60, LCKNG OVRD			PART NO.: SO80	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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