



POSITION GASKET TO SEAL PILOT HOLE SIDE 'B' ONLY.

ALIGN PILOT AND HOLE IN GASKET, SIDE 'A' ONLY FOR EXTERNAL PILOT OPERATION - ROTATE THE ROUND ALUMINUM ADAPTOR 90 OR 180 DEGREES. REMOVE 1/8" NPTF PLUG AND SUPPLY 50-160 PSI TO 1/8" NPTF PILOT PORT IN ADAPTOR.

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.

17	2	V-212	SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, 316 STAINLESS STEEL
16	1	AN-114	NAME PLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS.
15	4	V-47	SCREW, 1/4-20 X 1 SOCKET HEAD CAP HOLDS SOL.ADAPTOR TO 1/2&1"V
14	1	V-19	PLUG, SOCKET PIPE 1/8" NPT (#601-3 PITTSBURG PLUG PART #.)
13	1	AY-38-11	CLASSIC SOLENOID - STANDARD, COMPLETE OPERATOR, 120/60
12	1	V-81	SCREW, 8-32 X 5/16 SOCKET SET, FULL DOG PT. - MAN.OVER. IN ADAPTER
11	2	V-85	O-RING, 2-010, 1/4 X 3/8 X 1/16 BUNA-N 70 D. FOR MAN OVER.ASS.
10	1	OS3	SPRING - MANUAL OVERRIDE, "CLASSIC" SOLENOID
9	1	OP4	PIN , MANUAL OVERRIDE, 1/2", 3/4" & 1" VALVES
8	1	SSA48-0	ADAPTOR, 'A' SIDE, CLASSIC SOL., OVERRIDE, 1/2", 3/4" & 1" VALVE
7	1	S4	SPOOL - STANDARD, 2 POS, CLSD CTR, 1/2" VALVE
6	1	CS4	SPRING - RETURN, 1/2" 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 SHCS, HOLDS E.C TO 1/2-1" VALVES
3	2	ECG48	GASKET - END CAP, 1/2", 3/4" & 1" VALVE
2	6	V-6	O-RING, 1 1/8 X 1 3/8 X 1/8 CS 70 D.FOR 1/2 VALVE & 1"SP(V-90) BUNA-N
1	1	B4-1	BODY, 1/2" SIDE PORT, UPPER PILOTS, ANODIZED
FLG	QTY	PART NO	DESCRIPTION

SECTION A-A
VIEW FROM 3 PORT SIDE

OPERATOR VOLTAGES	
PART NO	REPLACE OPERATOR
SO40 240/60	AY-38-17
SO40 24VDC	AY-38-8
SO40 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: 6/3/2015	CHECKED: KWaite	DATE: 6/3/2015	
SCALE: 1 : 1	SHEET: 1 OF 1	RELEASED: HWomack	DATE: 6/3/2015	
TITLE: 1/2" SIDE PORT, SNGL SOL, 2 POS., SPRING RTRN, CLASSIC SOL, 120/60, LCKNG OVRD			PART NO.: SO40	REV.: A

A	NO.	DATE	REVISION
	8/3/99	REDRAWN AND CONV TO CAD.	

THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS PROPRIETARY TO AAA PRODUCTS AND MAY NOT BE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT

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