



ALIGN PILOT AND HOLE IN GASKET, BOTH SIDES.
 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.

FLG	QTY	PART NO	DESCRIPTION
10	2	V-212	SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL
9	1	AN-114	NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS
8	8	V-47	SCREW, 1/4-20 X 1, SOCKET HEAD CAP
7	2	AY-38-11	CLASSIC SOLENOID - STANDARD, COMPLETE OPERATOR, 120/60
6	1	SSA48	ADAPTOR, SOLENOID, 1/2", 3/4" & 1" VALVE
5	2	V-19	PLUG, SOCKET PIPE 1/8" NPT (#601-3 PITTSBURG PLUG PART #.)
4	1	AY-SY8-LSO	SPRING CENTER SPOOL ASSY, SOLENOID - LESS OPERATOR, 3/4 & 1" VALVE
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

LIMITS ON DIMENSIONS
 UNLESS OTHERWISE SPECIFIED
 2-PL DECIMAL ± .01
 3-PL DECIMAL ± .005
 FRACTIONAL ± 1/64
 ANGULAR ± 1/2°



DRAWN: RMckenna DATE: 4/27/2015 CHECKED: KWaite DATE: 5/31/2015
 SCALE: 1:1 SHEET: 1 OF 1 RELEASED: HWomack DATE: 5/31/2015

OPERATOR VOLTAGES	
PART NO	REPLACE OPERATOR
SY8D 240/60	AY-38-17
SY8D 24VDC	AY-38-8
SY8D 12VDC	AY-38-5

TITLE:
**1" SIDE PORT, DBL SOL, 3 POS,
 SPR CTR, SOL SHFT, REGEN CTR SPL,
 CLASSIC SOL, 120/60**

PART NO.: SY8D REV.:

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