



ALIGN PILOT AND HOLE IN GASKET, BOTH SIDES.  
 FOR EXTERNAL PILOT ADAPTOR - 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-38ML  
 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-38ML-11	CLASSIC SOLENOID - 1/2" NPT CONDUIT, DUST EXCLDR, 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-SY8G-LSO	ASSY - SPR CTR, FLOAT CTR SPL, CLASSIC SOL, LESS OPER, 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: 3/12/2016 CHECKED: KWaite DATE: 3/12/2016  
 SCALE: 1:1 SHEET: 1 OF 1 RELEASED: HWomack DATE: 3/12/2016

OPERATOR VOLTAGES	
PART NO	REPLACE OPERATOR
SY8GML 240/60	AY-38ML-17
SY8GML 24VDC	AY-38ML-8
SY8GML 12VDC	AY-38ML-5

TITLE:  
**1" SIDE PORT, DBL SOL, 3 POS,  
 SPR CTR, SOL SHFT, FLOAT CTR SPL,  
 MOLD-OVER, 120/60, DUST EXCLDR**

PART NO.:  
**SY8GML**  
 REV.:

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

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