



NOTES:  
 1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING.  
 2) OPEN MUFFLER 2 TURNS FROM CLOSED POSITION. TIGHTEN LOCK NUT ON MUFFLER.  
 3) INSTALL MUFFLER WITH MAGNALUBE-G GREASE 1 TO 1-1/2 TURNS FROM HAND TIGHT INTO BODY.  
 4) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE TOP CONTROL VALVE WITH VALVE LISTED IN TABLE BELOW.

THE FOLLOWING PARTS ARE INCLUDED WITH THE SUBPLATE VALVE AND ARE USED TO ASSEMBLE.

QTY	PART NO	DESCRIPTION
5	V-92	O-RING, BUNA-N, 70 DURO, AS-014, (REF 1/2 X 5/8 X 1/16), 3/8" SUBPLATE
4	V-35	SCREW, 10-24 X 7/8, SOCKET HEAD CAP

13	1	SY3PDOT	3/8" SUBPLATE, DBL SOL, 3 POS, CLSD SPR CTR, CLASSIC SOL, 120/60, LCKNG OVRD, THD VENT, EXT PILOT
12	2	MFC2	ASSEMBLY - MUFFLER FLOW CONTROL, 1/4" NPT
11	2	V-337	PLUG, SOCKET 1/4-18 FLUSH SEAL PLUG
10	2	V-129	U-CUP, 1-5/8 X 1-1/8 X 1/8, NITRILE
9	2	SPC12	SPOOL - PRESS. CTR, 1 1/2" & 2" VALVE
8	2	V-128	O-RING, BUNA-N, 70 DURO, AS-229, (REF 2-3/8 X 2-5/8 X 1/8), 3 POS, 1-1/2" & 2" VALVES
7	3	V-231	PLUG, SOCKET PRESSURE 1/16-27X 7/8 TAPER FOR 122V, 192V, FOR EC
6	2	V-89	O-RING, BUNA-N, 70 DURO, AS-110, (REF 3/8 X 9/16 X 3/32), 1" & 2" SUBPLATE PILOT
5	2	PCE12E	ENDCAP - PRESSURE CTR, SOLID, 6061-T6 AL, 1-1/2" & 2" VALVES
4	12	V-143	SCREW, 5/16-18 X 2, SOCKET HEAD CAP
3	1	S12D	SPOOL - 'D', REGEN CTR, 1 1/2" & 2" VALVE
2	6	V-123	O-RING, BUNA-N, 70 DURO, AS-331, (REF 2-1/4 X 2-5/8 X 3/16), 1-1/2" & 2" VALVES
1	1	B12-6	BODY, 1 1/2" SIDE PORT, PIGGY BACK
FLG	QTY	PART NO	DESCRIPTION

SECTION A-A  
 VIEW FROM 3 PORT SIDE

OPERATOR VOLTAGES

PART NO	REPLACE WITH
SY120TZ 12VDC	SY3PDOT 12VDC
SY120TZ 24VDC	SY3PDOT 24VDC
SY120TZ 240/60	SY3PDOT 240/60

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

DRAWN: RMckenna DATE: 9/16/2019  
 SCALE: 1/2 SHEET: 1 OF 1

TITLE:  
 1-1/2" SIDE PORT, DBL SOL, 3 POS,  
 CLSD SPR CTR, CLASSIC SOL, 120/60,  
 LCKNG OVRD, THD VENT, EXT PILOT

**AAA PRODUCTS INTERNATIONAL**  
 7114 Harry Hines Blvd  
 Dallas, TX 75235

CHECKED: KWaite DATE: 9/16/2019  
 RELEASED: HWormack DATE: 9/16/2019

PART NO.: SY120TZ  
 REV.:

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