

POSITION GASKET ON END OF VALVE TO SEAL PILOT HOLE IF PRESENT, SIDE 'B' ONLY

POSITION GASKET ON END OF VALVE TO ALIGN PILOT HOLES, SIDE 'A' ONLY

O-RING SIDE

18

SOLENOID OPERATOR

9

16

17

8

10

11

12

13

14

15

SIDE B

SIDE A

4

6

7

5

3

SECTION A-A

VIEW FROM O-RING SIDE

4

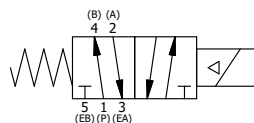
3

2

1

1

3



OPERATOR VOLTAGES

PART NO	REPLACE OPERATOR
BSO3MO 12VDC	AY-38M-5
BSO3MO 24VDC	AY-38M-8
BSO3MO 240/60	AY-38M-17

18	3	V-110	O-RING, BUNA-N, 70 DURO, AS-114, (REF 5/8 X 13/16 X 3/32), 1/4" SLEEVE, 1/2" SUB, STACK
17	2	V-212	SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL
16	1	AN-114	NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS
15	4	V-1	SCREW, 10-24 X 2, SOCKET HEAD CAP
14	1	V-19	PLUG, SOCKET PIPE 1/8" NPT (#601-3 PITTSBURG PLUG PART #.)
13	1	OP3	PIN - MANUAL OVERRIDE, 1/4" & 3/8" VALVES
12	1	OS3	SPRING - MANUAL OVERRIDE, "CLASSIC" SOLENOID
11	1	V-85	O-RING, BUNA-N, 70 DURO, AS-010, (REF 1/4 X 3/8 X 1/16), CLASSIC OVRD
10	1	V-81	SCREW, 8-32 X 5/16, SOCKET SET, FULL DOG POINT
9	1	AY-38M-11	CLASSIC SOLENOID - 1/2" NPT CONDUIT, 120/60
8	1	PB3-6E	ADAPTOR - SOLENOID, WITH O'RIDE, SINGLE PILOT, 1/4" & 3/8" STACKING VALVE
7	1	S3	SPOOL - STANDARD, 2 POS, CLSD CTR, 1/4" & 3/8" VALVE
6	1	CS3	SPRING - RETURN, (EXCEPT HO, KO & PO) 1/4" & 3/8" VALVES
5	1	SEC3-A	END CAP, VENTED, SPRING BOSS, 380 AL, 1/4" & 3/8" VALVE
4	4	V-38	SCREW, 10-24 X 3/4, SOCKET HEAD CAP
3	2	ECG3	GASKET - END CAP, 1/4" & 3/8" VALVE
2	6	V-39	O-RING, VITON, STD BODY, 1/4" & 3/8" VALVES
1	1	B3-10E	FINISHED - SOLID BODY, UPPER PILOTS, 3/8" STACKING VALVE
FLG	QTY	PART NO	DESCRIPTION

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: 1/31/2016

CHECKED: KWaite DATE: 1/31/2016

SCALE: 1 : 1 SHEET: 1 OF 1

RELEASED: HWomack DATE: 1/31/2016

TITLE:  
3/8" STACK, SNGL SOL, 2 POS,  
SPRING RTRN, MOLD-OVER, 120/60,  
LCKNG OVRD

PART NO.:  
BSO3MO

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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