



- 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	
2	V-93	O-RING, BUNA-N, 70 DURO, AS-008, (REF 3/16 X 5/16 X 1/16), 3/8" SUBPLATE PILOT	
11	1	ESR3PJ	
10	2	MFC2	
9	2	V-337	
8	2	V-124	
7	2	V-89	
6	3	V-231	
5	12	V-143	
4	2	PEC12E	
3	1	S12	
2	6	V-123	
1	1	B12-6	
FLG	QTY	PART NO	DESCRIPTION

SECTION A-A  
SCALE 1/2  
VIEW FROM 3 PORT SIDE

CONTROL VALVE VOLTAGES

PART NO	REPLACE WITH
ESR12JZ 240/60	ESR3PJ 240/60
ESR12JZ 24VDC	ESR3PJ 24VDC
ESR12JZ 12VDC	ESR3PJ 12VDC

LIMITS ON DIMENSIONS  
UNLESS OTHERWISE SPECIFIED

2-PL DECIMAL ± .01  
3-PL DECIMAL ± .005  
FRACTIONAL ± 1/64  
ANGULAR ± 1/2°

DRAWN: RMckenna DATE: 6/3/2016  
SCALE: 1/2 SHEET: 1 OF 1

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

CHECKED: KWaite DATE: 6/3/2016  
RELEASED: HWomack DATE: 6/3/2016

TITLE:  
**1-1/2" SIDE PORT, SNGL SOL, 2 POS, FRICTION POS, PILOT RTRN, MOLD-OVER, 120/60, EXT PILOT**

PART NO.:  
**ESR12JZ**

REV.:

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