

PILOT HOLE

PILOT HOLE

POSITION GASKET TO SEAL PILOT HOLE SIDE 'B' ONLY.

ALIGN PILOT AND SLOT IN ADAPTOR WITH GASKET IN BETWEEN SIDE 'A' ONLY FOR EXTERNAL PILOT OPERATION - ROTATE ADAPTOR 180 DEGREES. REMOVE 1/8" NPTF PLUG AND SUPPLY 50-150 PSI TO 1/8" NPTF PILOT PORT IN ADAPTOR.

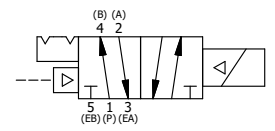
NOTES:

- 1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING PARTS.
- 2) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE SOLENOID COIL WITH COIL LISTED IN TABLE BELOW.
- 3) LUBRICATE DETENT BALL, SPRING AND STUD.

19	2	V-212	SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL
18	1	AN-114	NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS
17	1	V-21	SCREW, 1/4-20 X 3/16, SOCKET SET, CUP POINT
16	1	DS3	SPRING - DETENT, 1/4" & 3/8" VALVE
15	1	V-14	BALL, CHROME STEEL 3/16 DIA, GRADE 25, FOR DETENT
14	1	EMG3	GASKET - END MOUNT SOLENOID, BUNA-N, 1/4" & 3/8" VALVES
13	1	V-567W	E SERIES SINTERED BRONZE MUFFLER, DUST EXCLUDER, V-613 LOCK WASHER
12	1	V-593-1	COIL - 120VAC EXP PROOF, 1/2" NPTF STAINLESS CONNECTION, NASS #0568 05.1-00/6874
11	4	V-584	SCREW, 10-24 X 1, BUTTON HEAD SOCKET CAP WITH MICROSPHERE APPLIED TO THREADS.
10	1	SEC3-7	PLATE, RE-INFORCEMENT, SOLENOID, STAMPED, 304 STAINLESS
9	1	V-550-1	SOL OPER, END MOUNT, NON-LOCKING O'RIDE
8	1	S3R	SPOOL - SOLID, STANDARD, 2 POS, CLSD CTR, 1/4" & 3/8" VALVE
7	1	PBS3-13-SS	STUD - POS. A & C. DETENT, STAINLESS STEEL, 1/4" & 3/8" VALVE
6	1	PEC3	END CAP, PILOT, 380 AL, 1/4" & 3/8" VALVE
5	4	V-614	SCREW, 10-24 X 1-3/4", SOCKET HEAD CAP
4	1	PEC3-18	ENDCAP, SPACER, DETENT, SOLENOID, 6061-T6, 1/4" & 3/8" VALVES
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	B3-1E	BODY - SOLID, BUTTON BLEEDER, ANODIZED, 3/8" SIDE PORT VALVE
FLG	QTY	PART NO	DESCRIPTION

SECTION A-A
SCALE 1 : 1
VIEW FROM 3 PORT SIDE

LIMITS ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		2-PL DECIMAL ± .01 3-PL DECIMAL ± .005 FRACTIONAL ± 1/64 ANGULAR ± 1/2°		<p>AAA PRODUCTS INTERNATIONAL 7114 Harry Hines Blvd Dallas, TX 75235</p>								
DRAWN: RMckenna	DATE: 6/17/2022	CHECKED: KWaite	DATE: 6/17/2022									
SCALE: 1 : 1	SHEET: 1 OF 1	RELEASED: HWomack	DATE: 6/17/2022									
COIL VOLTAGES <table border="1"> <tr><th>PART NO</th><th>REPLACE COIL</th></tr> <tr><td>ESR3XLQ 12VDC</td><td>V-593-2</td></tr> <tr><td>ESR3XLQ 24VDC</td><td>V-593-3</td></tr> <tr><td>ESR3XLQ 240/60</td><td>V-593-4</td></tr> </table>		PART NO	REPLACE COIL	ESR3XLQ 12VDC	V-593-2	ESR3XLQ 24VDC	V-593-3	ESR3XLQ 240/60	V-593-4	TITLE: 3/8" SIDE PORT, SNGL SOL, 2 POS, DTNT, PLT RTRN, EXPL PROOF, 120/60, DUST EXLDR		PART NO.: ESR3XLQ
PART NO	REPLACE COIL											
ESR3XLQ 12VDC	V-593-2											
ESR3XLQ 24VDC	V-593-3											
ESR3XLQ 240/60	V-593-4											



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

P:\Engineering\Products\Valves\AssemblyStandards\ESR3XLQ.dwg