

PILOT HOLE

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

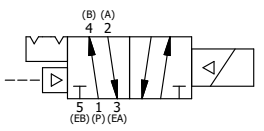
ALIGN PILOT AND SLOT IN ADAPTOR WITH GASKET IN BETWEEN SIDE 'A' ONLY FOR EXTERNAL PILOT OPERATION - ROTATE ADAPTOR 180 DEGREES. REMOVE 1/8" NPTF PLUG AND SUPPLY 50-150 PSI TO 1/8" NPTF PILOT PORT IN ADAPTOR.

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-562      | NUT, SOLENOID, SIDE EXHAUST  |
| 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



| COIL VOLTAGES  |              |
|----------------|--------------|
| PART NO        | REPLACE COIL |
| ESR3XCQ 12VDC  | V-593-2      |
| ESR3XCQ 24VDC  | V-593-3      |
| ESR3XCQ 240/60 | V-593-4      |

|  |                 |  |                      |   |
|--|-----------------|--|----------------------|---|
| LIMITS ON DIMENSIONS UNLESS OTHERWISE SPECIFIED  |                 | 2-PL DECIMAL ± .01<br>3-PL DECIMAL ± .005<br>FRACTIONAL ± 1/64<br>ANGULAR ± 1/2° |                      | <p><b>AAA PRODUCTS INTERNATIONAL</b><br/>7114 Harry Hines Blvd<br/>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      |   |
| TITLE:<br>3/8" SIDE PORT, SNGL SOL, 2 POS, DTNT, PLT RTRN, EXPL PROOF, 120/60, SIDE VENT |                 |  | PART NO.:<br>ESR3XCQ | 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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