



PILOT HOLE

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POSITION GASKET AND PEC3-18 ON END OF VALVE TO ALIGN PILOT HOLES (SIDE 'B' ONLY)

ALIGN PILOT AND SLOT IN ADAPTOR WITH GASKET IN BETWEEN, BOTH SIDES 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) LUBRICATE DETENT BALL, SPRING AND STUD.
  - 3) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE SOLENOID COIL WITH COIL LISTED IN TABLE BELOW.

|     |     |            |   |
|-----|-----|------------|---|
| 18  | 2   | V-212      | SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL                    |
| 17  | 1   | V-21       | SCREW, 1/4-20 X 3/16, SOCKET SET, CUP POINT                                   |
| 16  | 1   | AN-114     | NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS                          |
| 15  | 1   | PBS3-13-55 | STUD - POS. A & C. DETENT, STAINLESS STEEL, 1/4" & 3/8" VALVE                 |
| 14  | 1   | DS3        | SPRING - DETENT, 1/4" & 3/8" VALVE  |
| 13  | 2   | EMG3       | GASKET - END MOUNT SOLENOID, BUNA-N, 1/4" & 3/8" VALVES                       |
| 12  | 1   | BG3        | GASKET - END CAP, 1/4" & 3/8" VALVE   |
| 11  | 1   | B3-1E      | BODY - SOLID, BUTTON BLEEDER, ANODIZED, 3/8" SIDE PORT VALVE                  |
| 10  | 2   | V-551-1    | THERMOPLASTIC ENCAPSULATED COIL 120V 50/60HZ, NASS P/N # 108-030-0455         |
| 9   | 1   | PEC3-18    | ENDCAP, SPACER, DETENT, SOLENOID, 6061-T6, 1/4" & 3/8" VALVES                 |
| 8   | 4   | V-585      | SCREW, 10-24 X 2-1/8, SOCKET BUTTON HEAD                                      |
| 7   | 2   | V-562      | NUT, SOLENOID, SIDE EXHAUST   |
| 6   | 4   | V-584      | SCREW, 10-24 X 1, BUTTON HEAD SOCKET CAP WITH MICROSPHERE APPLIED TO THREADS. |
| 5   | 2   | SEC3-7     | PLATE, RE-INFORCEMENT, SOLENOID, STAMPED, 304 STAINLESS                       |
| 4   | 1   | V-14       | BALL, CHROME STEEL 3/16 DIA, GRADE 25, FOR DETENT                             |
| 3   | 2   | V-599-1    | SOL OPER, END MOUNT, LOCKING O'RIDE   |
| 2   | 6   | V-39       | O-RING, VITON, STD BODY, 1/4" & 3/8" VALVES                                   |
| 1   | 1   | S3R        | SPOOL - SOLID, STANDARD, 2 POS, CLSD CTR, 1/4" & 3/8" VALVE                   |
| FLG | QTY | PART NO    | DESCRIPTION   |

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

|  |                 |  |                             |   |
|--|-----------------|--|-----------------------------|---|
| LIMITS ON DIMENSIONS<br>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: 6/18/2020 | CHECKED: KWaite  | DATE: 6/18/2020             |   |
| SCALE: 1 : 1   | SHEET: 1 OF 1   | RELEASED: HWomack  | DATE: 6/18/2020             |   |
| TITLE:<br><b>3/8" SIDE PORT, DBL SOL, 2 POS, DETENT, 120/60, LCKNG OVRD, SIDE VENT</b> |                 |  | PART NO.:<br><b>ESS30CQ</b> | 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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