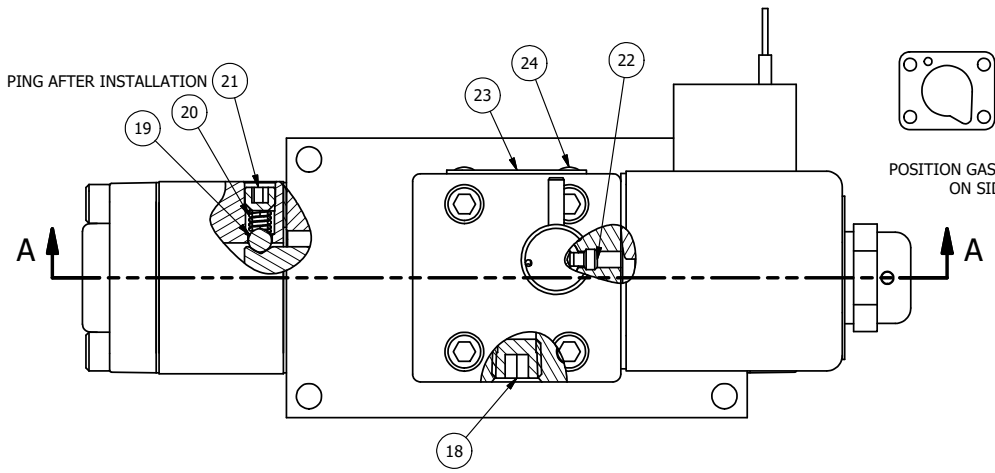
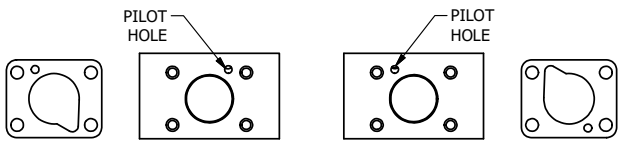
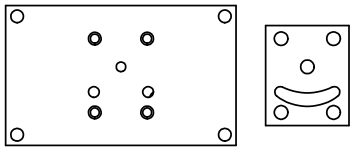


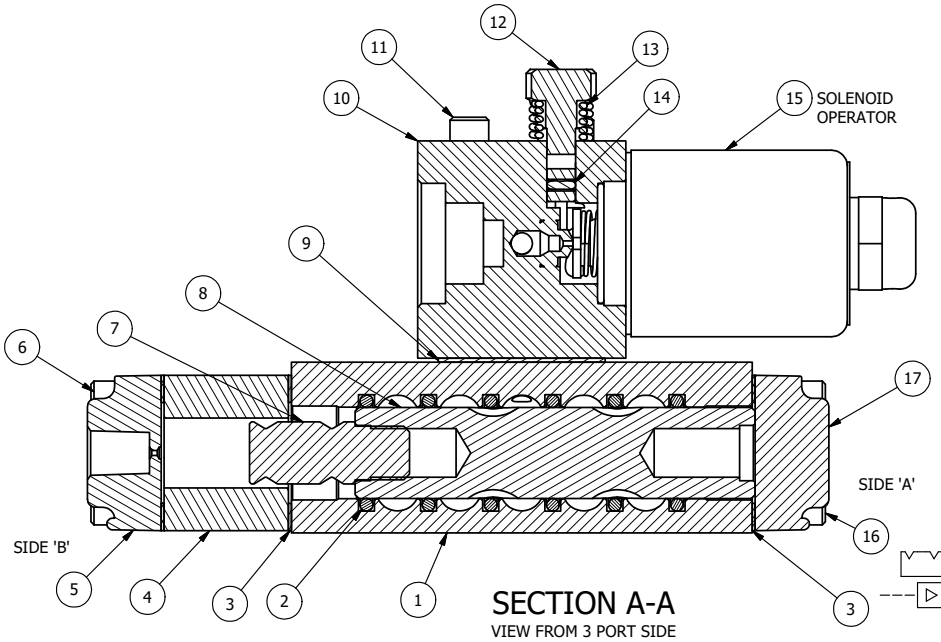

POSITION GASKET TO SEAL PILOT HOLE ON SIDE 'B' AS SHOWN.

ALIGN PILOT HOLE AND CENTER CUTOUT ON SIDE 'A' AS SHOWN.

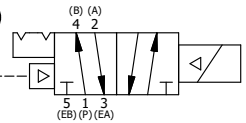


ALIGN HOLES IN GASKET AS SHOWN. FOR EXTERNAL PILOT PRESSURE, REMOVE PIGGY BACK BLOCK AND ROTATE 180°. LEAVE GASKET AS SHOWN. REMOVE 1/8" PLUG AND CONNECT SUPPLY PRESSURE - 160 PSI MAX.

NOTES:
1) ALWAYS GIVE VALVE MODEL AND PART NUMBER WHEN ORDERING PARTS.
2) FOR DIFFERENT VOLTAGES OTHER THAN 120/60, REPLACE SOLENOID OPERATOR WITH OPERATOR LISTED IN TABLE BELOW. REFERENCE AY-38L DRAWING FOR REPLACEMENT COILS.
3) LUBRICATE DETENT BALL, SPRING AND STUD.




SECTION A-A
VIEW FROM 3 PORT SIDE




| OPERATOR VOLTAGES | |
|---|---|
| PART NO | REPLACE OPERATOR |
| SR2ONLQ 12VDC | AY-38L-5 |
| SR2ONLQ 24VDC | AY-38L-8 |
| SR2ONLQ 240/60 | AY-38L-17 |

| FLG | QTY | PART NO | DESCRIPTION |
|---|---|---|---|
| 24 | 2 | V-212 | SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL |
| 23 | 1 | AN-115 | NAMEPLATE, BLANK, FOR HE,KE,RR,D,CR,PP,SR,SS VALVES |
| 22 | 1 | V-81 | SCREW, 8-32 X 5/16, SOCKET SET, FULL DOG POINT |
| 21 | 1 | V-21 | SCREW, 1/4-20 X 3/16, SOCKET SET, CUP POINT |
| 20 | 1 | DS3 | SPRING - DETENT, 1/4" & 3/8" VALVE |
| 19 | 1 | V-14 | BALL, CHROME STEEL 3/16 DIA, GRADE 25, FOR DETENT |
| 18 | 1 | V-19 | PLUG, 1/8-27 NPT, 7/8 TAPER, FLUSH SEAL, SOCKET PIPE PLUG W/LOCTITE RED VIBRA-SEAL |
| 17 | 1 | SEC3-1 | END CAP, NON-VENTED, 380 AL, 1/4" & 3/8" VALVES |
| 16 | 4 | V-38 | SCREW, 10-24 X 3/4, SOCKET HEAD CAP |
| 15 | 1 | AY-38L-11 | CLASSIC SOLENOID, 120/60, W/DUST EXCLUDER |
| 14 | 1 | V-85 | O-RING, BUNA-N, 70 DURO, AS-010, (REF 1/4 X 3/8 X 1/16), CLASSIC OVRD |
| 13 | 1 | OS3W | SPRING - OVERRIDE RETURN, "CLASSIC" SOLENOID |
| 12 | 1 | OP3-W | OVERRIDE PIN - SPRING RETURN, 1/4" & 3/8" VALVE |
| 11 | 4 | V-1 | SCREW, 10-24 X 2, SOCKET HEAD CAP |
| 10 | 1 | PB3-3EW | ADAPTOR - SNGL SOL., NON-LOCKING OVERRIDE, 1/4" & 3/8" VALVE |
| 9 | 1 | PBG3-1 | GASKET - PIGGY BACK, SINGLE SOLENOID, 1/4" & 3/8" VALVE |
| 8 | 1 | S3R | SPOOL - SOLID, STANDARD, 2 POS, CLSD CTR, 1/4" & 3/8" VALVE |
| 7 | 1 | PBS3-13 | STUD - POS. A & C. DETENT, SOLENOID OPERATOR, STAINLESS, 1/4" & 3/8" VALVE |
| 6 | 4 | V-614 | SCREW, 10-24 X 1-3/4", SOCKET HEAD CAP |
| 5 | 1 | PEC3 | END CAP, PILOT, 380 AL, 1/4" & 3/8" VALVE |
| 4 | 1 | PEC3-18 | ENDCAP, SPACER, DETENT, SOLENOID, 6061-T6, 1/4" & 3/8" VALVES |
| 3 | 3 | 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 | B2-6E | BODY - SOLID, PIGGY BACK, ANODIZED, 1/4" SIDE PORT VALVE |

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: 3/2/2025
CHECKED: KWaite DATE: 3/2/2025
SCALE: 1 : 1 SHEET: 1 OF 1
RELEASED: HWomack DATE: 3/2/2025

TITLE: 1/4" SIDE PORT, SNGL SOL, 2 POS, DTNT, PLT RTRN, CLASSIC, 120/60, NONLCKNG OVRD

PART NO.: SR2ONLQ

REV.:

D:\Engineering\Product\Valves\Assembly\classic\SNGL\VIO\SR2ONLQ.dw

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