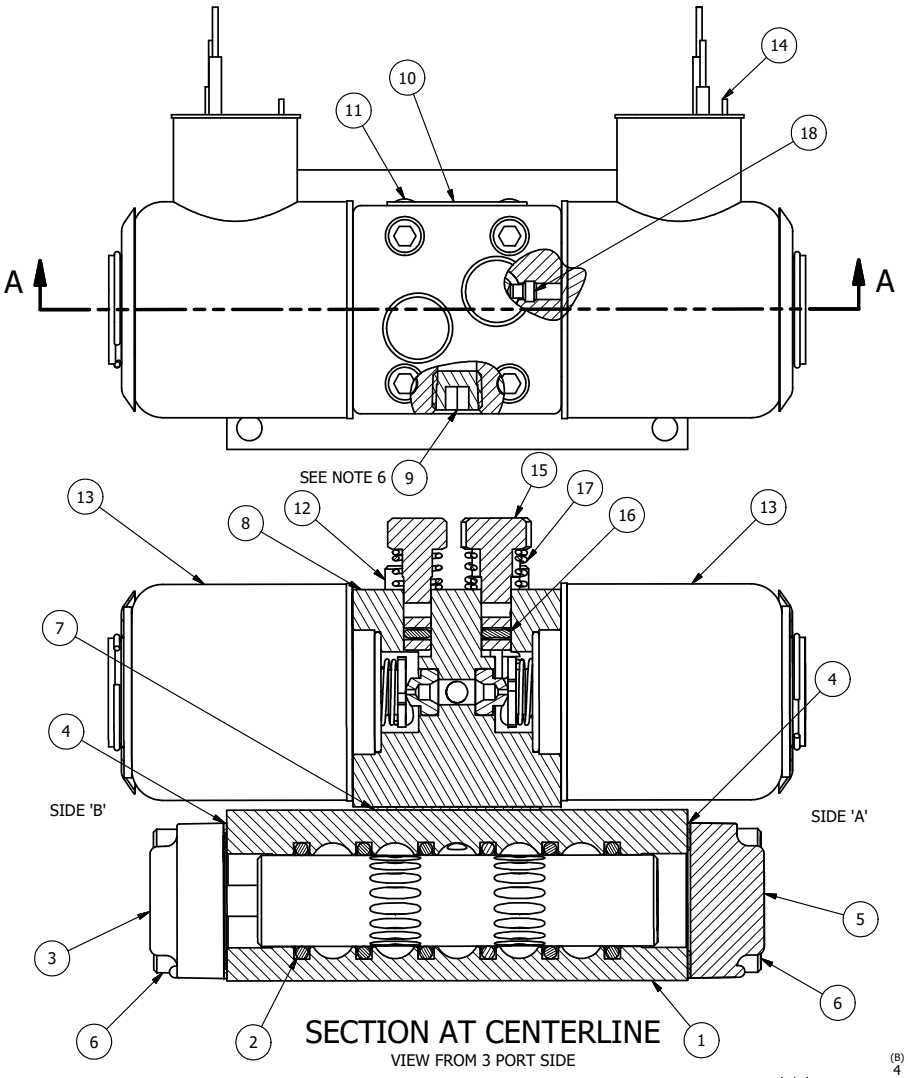
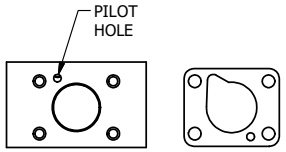
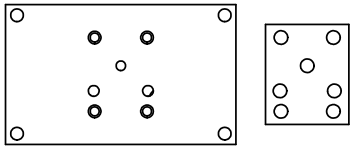


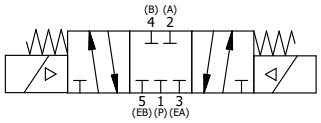

ALIGN PILOT HOLE AND CENTER CUTOUT ON BOTH SIDES.



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) 12VDC COIL.
3) USE LOCKTITE 242 (BLUE) ON ALL FASTENERS.
4) REPAIR KIT RKV-440VY.
5)USE MAGNALUBE-G GREASE ON O-RINGS.
6) USE WHITE PIPE DOPE ON PLUG.
7) TEST IN CENTER POSITION FOR 20 SECONDS, THE OTHER POSITIONS FOR 5 SECONDS EACH.
8) HI-POTENTIAL BREAK DOWN TEST REQUIRED.

| FLG | QTY | PART NO | DESCRIPTION |
|---|---|---|---|
| 18 | 2 | V-81-SS | SCREW, 8-32 X 5/16, SOCKET SET, FULL DOG POINT, 18-8 SS |
| 17 | 2 | OS3 | SPRING - MANUAL OVERRIDE, "CLASSIC" SOLENOID |
| 16 | 2 | V-85 | O-RING, BUNA-N, 70 DURO, AS-010, (REF 1/4 X 3/8 X 1/16), CLASSIC OVRD |
| 15 | 2 | OP3 | PIN - MANUAL OVERRIDE, 1/4" & 3/8" VALVES |
| 14 | 2 | V-645 | ANTI-SHORT BUSHING, 1/2" CONDUIT |
| 13 | 2 | AY-38X-5 | CLASSIC SOLENOID - EXPLOSION PROOF, 12VDC, 35/60VAC, 33/50VAC |
| 12 | 4 | V-1-SS | SCREW, 10-24 X 2, SOCKET HEAD CAP, STAINLESS STEEL |
| 11 | 2 | V-212 | SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL |
| 10 | 1 | AN-114 | NAMEPLATE, BLANK, FOR VALVES WITH SPRINGS OR DETENTS |
| 9 | 1 | V-19-SS | PLUG, 1/8-27 NPT, 7/8 TAPER, FLUSH SEAL, SOCKET PIPE PLUG, STAINLESS |
| 8 | 1 | PB3-4E-TC | ADAPTOR - DBL SOL., W/OVERRIDE, TUFRAM COAT, 1/4" & 3/8" VALVES |
| 7 | 1 | PBG3-9 | GASKET - PIGGY BACK, DOUBLE SOLENOID, NITRILE, 1/4" & 3/8" VALVE |
| 6 | 8 | V-38-SS | SCREW, 10-24 X 3/4, SOCKET HEAD CAP, 18-8 SS |
| 5 | 1 | SEC3-1-EN | END CAP, NON-VENTED, 380 AL, E-NICKEL PLATED, 1/4" & 3/8" VALVE |
| 4 | 2 | ECG3-9 | GASKET - END CAP, NITRILE, 1/4" & 3/8" VALVE |
| 3 | 1 | AY-EY3-EN | ASSY - SPR CTR, CLSD CTR SPL, CLASSIC SOL, EN & SS HARDWARE, 1/4 & 3/8 VALVES |
| 2 | 6 | V-39 | O-RING, VITON, STD BODY, 1/4" & 3/8" VALVES |
| 1 | 1 | B2-6E-TC | BODY - SOLID, PIGGY BACK, TUFRAM, 1/4" SIDE PORT VALVE |




| NO. | DATE | REVISION |
|---|---|---|
| C | 4/17/12 | CHANGED ADAPTOR PART NUMBER. |
| B | 5/26/10 | SIMPLIFIED SOL ASSY TO V-280-5. |
| A | 4/22/09 | CHANGED FROM V-20 TO V-20-SS |

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: 9/5/2013 | CHECKED: KWaite | DATE: 5/30/2015 |
| SCALE: 1 : 1 | SHEET: 1 OF 1 | RELEASED: HWomack | DATE: 5/30/2015 |

TITLE:
1/4" SIDE PORT, DBL SOL, 3 POS, SPR CTR, SOL RTRN, CLSD CTR SPL, X'PROOF, MAN OVRD, TUFRAM, 12VDC

PART NO.: 496VY

REV.: C

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

D:\Engineering\Product\Valves\Assembly\Classic\Special\DWG\496VY.dw