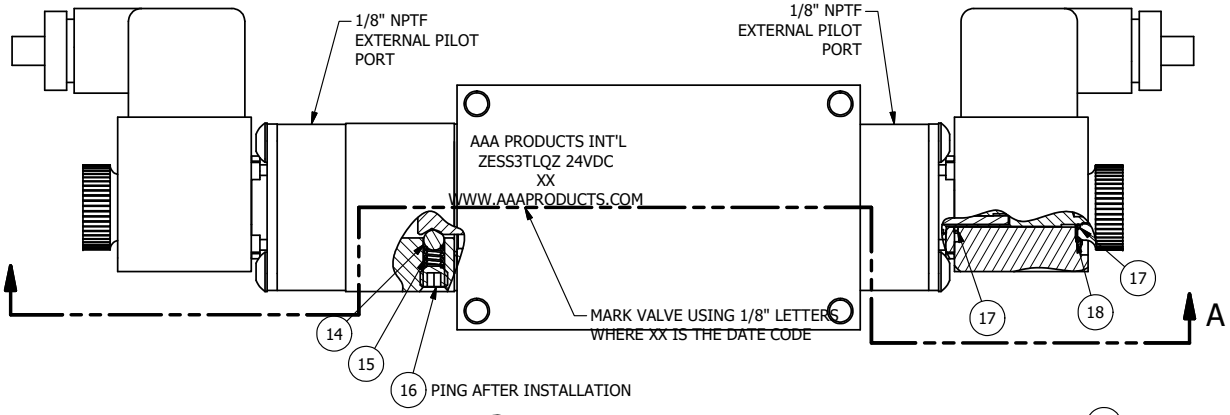
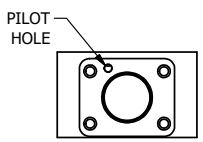
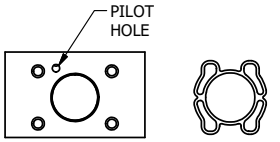
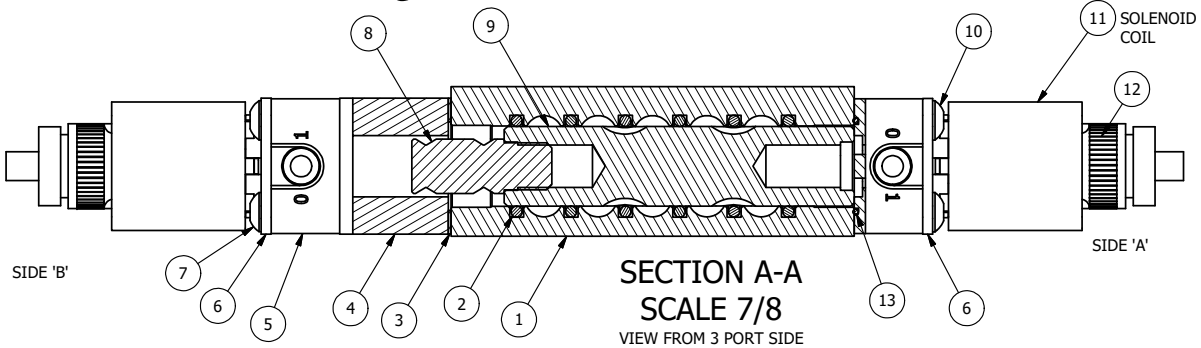



POSITION GASKET AND PEC3-18-Z
ON END OF VALVE TO ALIGN
PILOT HOLES (SIDE 'B' ONLY)



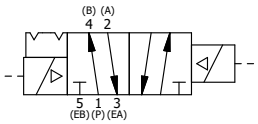

POSITION GASKET ON END OF VALVE BETWEEN
BODY OR PEC3-18-Z AND SOLENOID OPERATOR
BOTH SIDES (SIDE 'A' SHOWN)
ADAPTOR SHOULD BE INSTALLED AS SHOWN.
SUPPLY 50-150 PSI TO 1/8" NPTF PILOT PORT IN ADAPTOR.




SECTION A-A
SCALE 7/8
VIEW FROM 3 PORT SIDE

| FLG | QTY | PART NO | DESCRIPTION |
|---|---|---|---|
| 18 | 2 | V-607 | O-RING, VITON, 75 DURO, 14MM X 1MM, IP67 NUT SEAL |
| 17 | 4 | V-606 | O-RING, VITON, 75 DURO, 8MM X 1MM, IP67 STEM SEAL |
| 16 | 1 | V-21-SS | SCREW, 1/4-20 X 3/16, SOCKET SET, CUP POINT, 18-8 STAINLESS |
| 15 | 1 | DS3-1 | SPRING, DETENT, STAINLESS, 1/4" & 3/8" VALVE. LEE SPRING # LC 029B 0 S. |
| 14 | 1 | V-14 | BALL, 3/16 DIA, GRADE 25, CHROME STEEL |
| 13 | 2 | EMG3 | GASKET - END MOUNT SOLENOID, BUNA-N, 1/4" & 3/8" VALVES |
| 12 | 2 | V-567W | E SERIES SINTERED BRONZE MUFFLER, DUST EXCLUDER, V-613 LOCK WASHER |
| 11 | 2 | V-612-3 | ATEX COIL 24 VDC WITH 3 METER CORD. NASS # 1215 30.1-001/6896. |
| 10 | 4 | V-584-SS | SCREW, 10-24 X 1, BUTTON HEAD SOCKET CAP, 18-8 OR 303 STAINLESS |
| 9 | 1 | S3R | SPOOL - SOLID, STANDARD, 2 POS, CLSD CTR, 1/4" & 3/8" VALVE |
| 8 | 1 | PBS3-13 | STUD - POS. A & C. DETENT, SOLENOID OPERATOR, STAINLESS, 1/4" & 3/8" VALVE |
| 7 | 4 | V-585-SS | SCREW, 10-24 X 2-1/8, BUTTON HEAD SOCKET CAP, 18-8 STAINLESS |
| 6 | 2 | SEC3-7 | PLATE, RE-INFORCEMENT, SOLENOID, STAMPED, 304 STAINLESS |
| 5 | 2 | V-550-1 | SOL OPER, END MOUNT, NON-LOCKING O'RIDE |
| 4 | 1 | PEC3-18-Z | END CAP, SPACER, DETENT, SOLENOID, 360 BRASS, 1/4" & 3/8" VALVES |
| 3 | 1 | BG3 | GASKET - END CAP, 1/4" & 3/8" VALVE |
| 2 | 6 | V-39 | O-RING, VITON, STD BODY, 1/4" & 3/8" VALVES |
| 1 | 1 | ZB3-1 | BODY - BRASS, UPPER PILOTS (BUTTON BLEEDER), 3/8" SIDE PORT VALVE |

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.




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: 10/1/2026
CHECKED: KWaite DATE: 10/1/2026
SCALE: 7/8 SHEET: 1 OF 1
RELEASED: HWomack DATE: 10/1/2026

TITLE:
3/8" SIDE PORT, DBL SOL, 2 POS,
SOL RTRN, ATEX, 24VDC,
EXCLDR, DTNT, EXT PLT, BR & SS

PART NO.:
ZESS3TLQZ 24VDC

REV.:

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\standard\ESS\DWG\ZESS3TLQZ-24VDC.dw