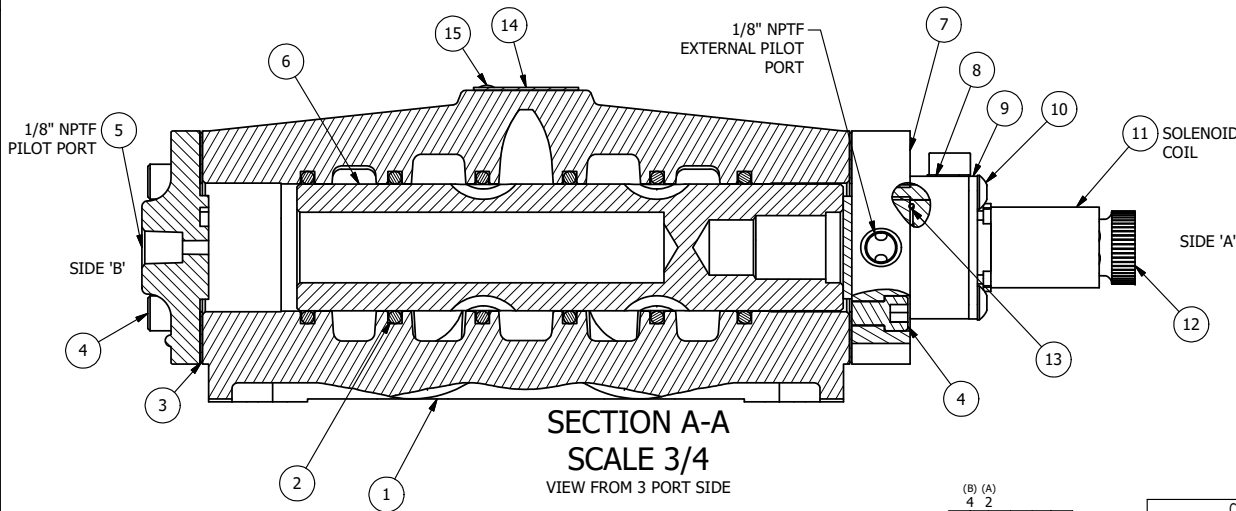


POSITION GASKET ON END OF VALVE SO GASKET COVERS PILOT HOLE, SIDE 'B' ONLY

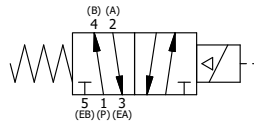
POSITION GASKET TO SEAL PILOT HOLE, BOTH SIDES. THE ROUND ALUMINUM ADAPTOR IS ROTATED 90 DEGREES. SUPPLY 50-160 PSI TO 1/8" NPTF PILOT PORT IN ADAPTOR.

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.



SECTION A-A  
SCALE 3/4  
VIEW FROM 3 PORT SIDE



| COIL VOLTAGES  |              |
|----------------|--------------|
| PART NO        | REPLACE COIL |
| ESR80LZ 12VDC  | V-551-2      |
| ESR80LZ 24VDC  | V-551-3      |
| ESR80LZ 240/60 | V-551-4      |

| FLG | QTY | PART NO  | DESCRIPTION   |
|-----|-----|----------|---|
| 15  | 2   | V-212    | SCREW, #2 X 3/16 DRIVE, TYPE U, OVAL HEAD, STAINLESS STEEL                    |
| 14  | 1   | AN-115   | NAMEPLATE, BLANK, FOR HE,KE,KD,RR,D,CR,PP,SR,SS VALVES                        |
| 13  | 1   | EMG3     | GASKET - END MOUNT SOLENOID, BUNA-N, 1/4" & 3/8" VALVES                       |
| 12  | 1   | V-567W   | E SERIES SINTERED BRONZE MUFFLER, DUST EXCLUDER, V-613 LOCK WASHER            |
| 11  | 1   | V-551-1  | THERMOPLASTIC ENCAPSULATED COIL 120V 50/60HZ, NASS P/N # 108-030-0455         |
| 10  | 4   | V-584    | SCREW, 10-24 X 1, BUTTON HEAD SOCKET CAP WITH MICROSPHERE APPLIED TO THREADS. |
| 9   | 1   | SEC3-7   | PLATE, RE-INFORCEMENT, SOLENOID, STAMPED, 304 STAINLESS                       |
| 8   | 1   | V-599-1  | SOL OPER, END MOUNT, LOCKING O'RIDE   |
| 7   | 1   | SSA48-1E | ADAPTOR, END MNT SOLENOID, 1/2", 3/4" & 1" VALVE                              |
| 6   | 1   | S8       | SPOOL - STANDARD, 2 POS, CLSD CTR, 3/4" & 1" VALVE                            |
| 5   | 1   | PEC48    | END CAP, PILOT, 380 AL, 1/2", 3/4" & 1" VALVES                                |
| 4   | 8   | V-46     | SCREW, 1/4-20 X 3/4, SOCKET HEAD CAP  |
| 3   | 2   | ECG48    | GASKET - END CAP, 1/2", 3/4" & 1" VALVE                                       |
| 2   | 6   | V-30     | O-RING, BUNA-N, 70 DURO, AS-220, (REF 1-3/8 X 1-5/8 X 1/8), 3/4" & 1" VALVES  |
| 1   | 1   | B8-1     | BODY, 1" SIDE PORT, UPPER PILOTS, ANODIZED                                    |
| FLG | QTY | PART NO  | DESCRIPTION   |

LIMITS ON DIMENSIONS  
UNLESS OTHERWISE SPECIFIED  
2-PL DECIMAL ± .01  
3-PL DECIMAL ± .005  
FRACTIONAL ± 1/64  
ANGULAR ± 1/2°



DRAWN: RMckenna DATE: 8/19/2019 CHECKED: KWaite DATE: 8/19/2019  
SCALE: 1:1 SHEET: 1 OF 1 RELEASED: HWomack DATE: 8/19/2019

|   |                             |       |
|---|-----------------------------|-------|
| TITLE:<br><b>1" SIDE PORT, SNGL SOL, 2 POS,<br/>PLT RTRN, 120/60,<br/>LCKNG OVRD, EXCLDR, EXT PILOT</b> | PART NO.:<br><b>ESR80LZ</b> | REV.: |
|---|-----------------------------|-------|

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