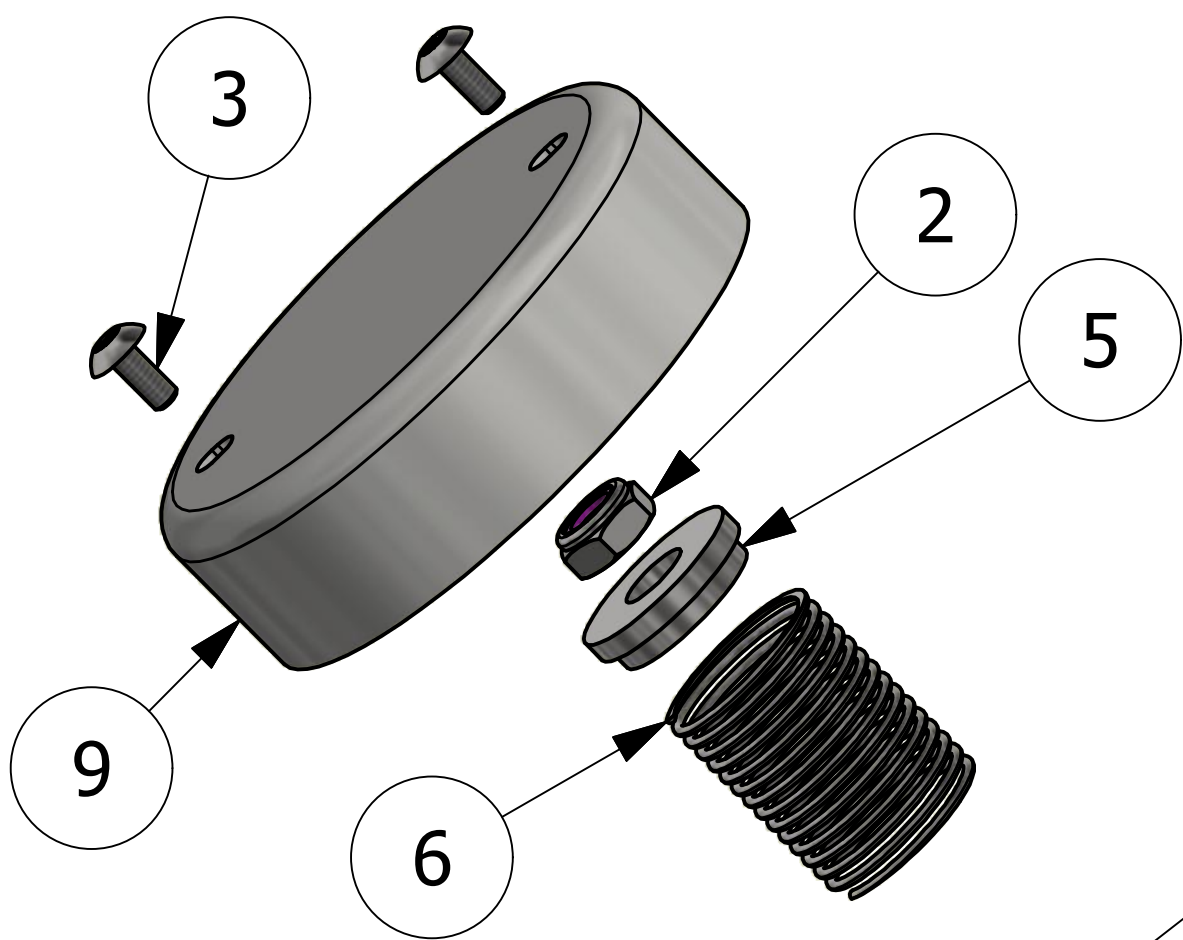
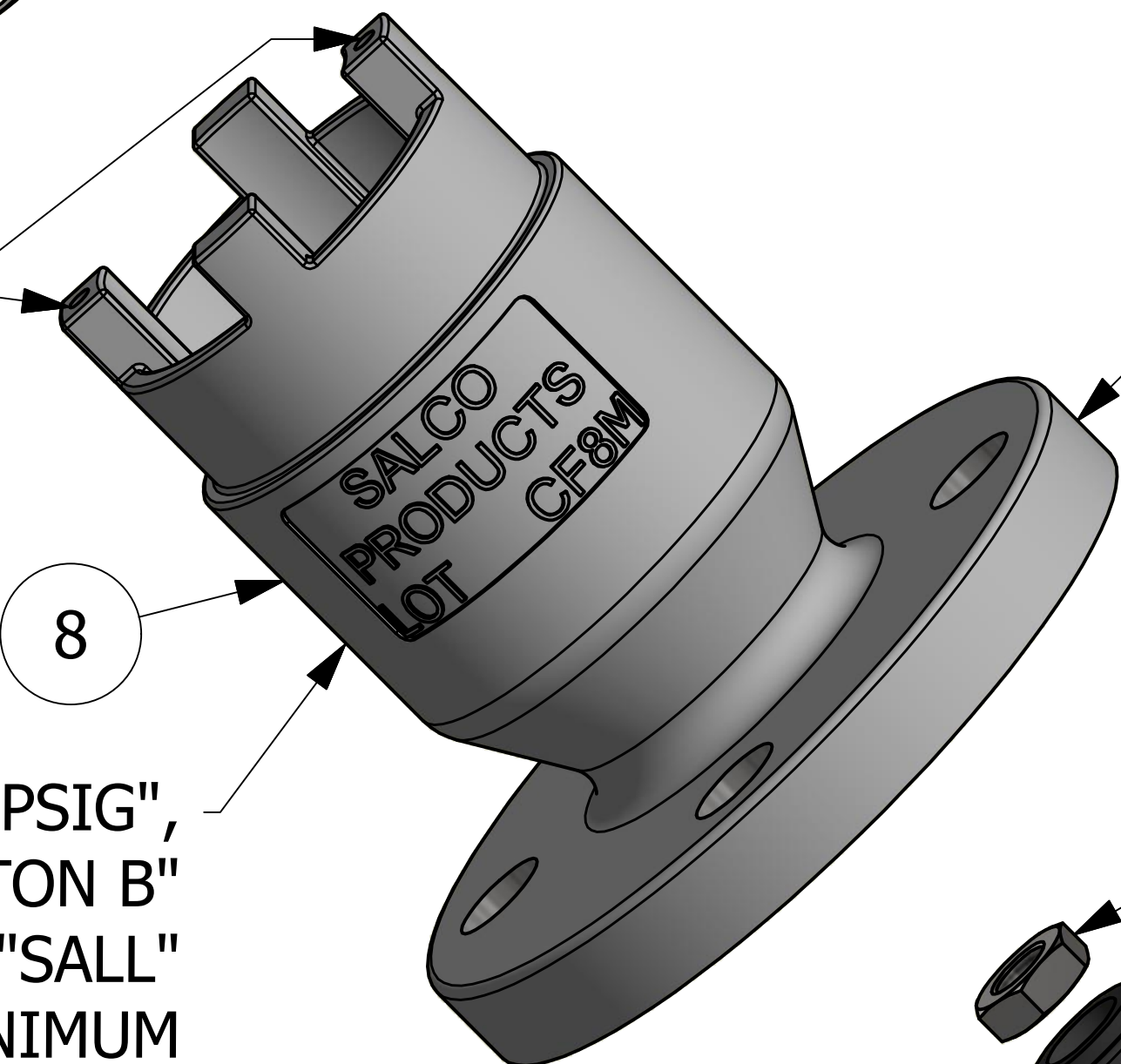




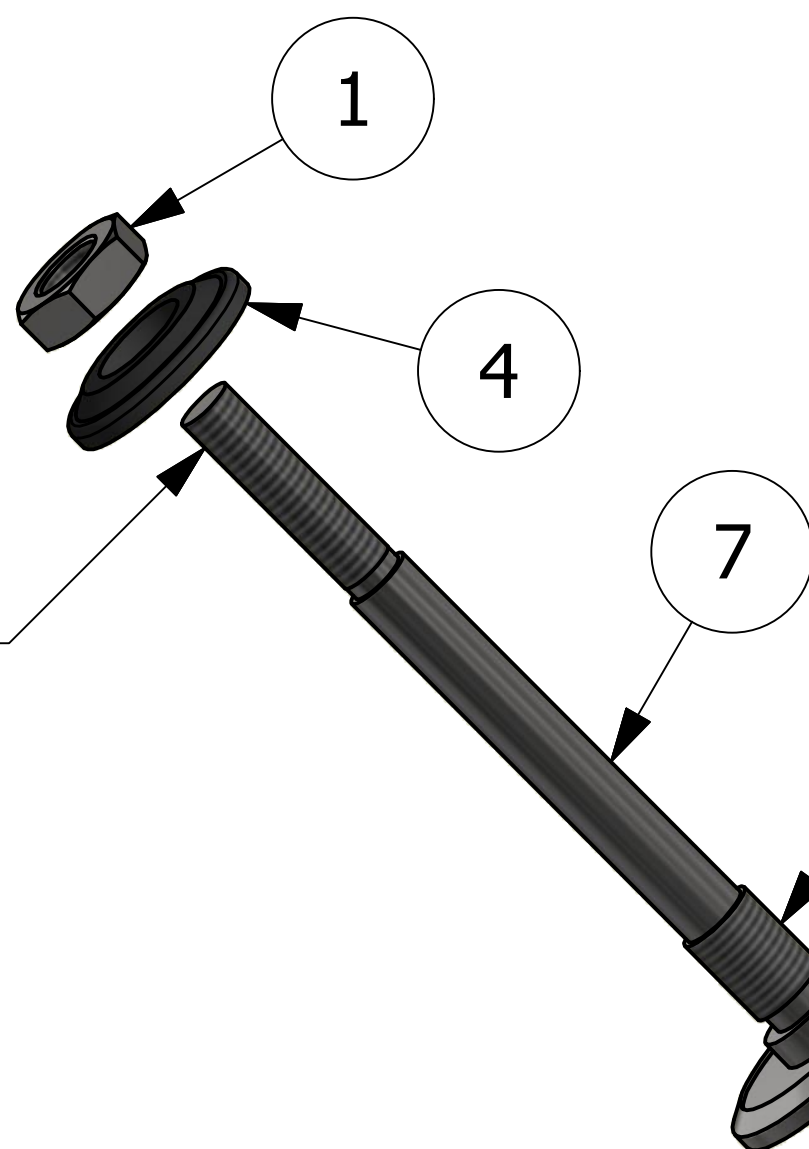
APPLY ANTI-SEIZE  
TO THREADS

ENGRAVE "SET VACUUM 3 PSIG",  
"VVN15S6RA307A", "VITON B"  
"AAR # E-202141", "SALL"  
TEXT HEIGHT .1" MINIMUM



MARK PER Q-2.14  
TEXT HEIGHT .1" MINIMUM

APPLY ANTI-SEIZE  
TO THREADS

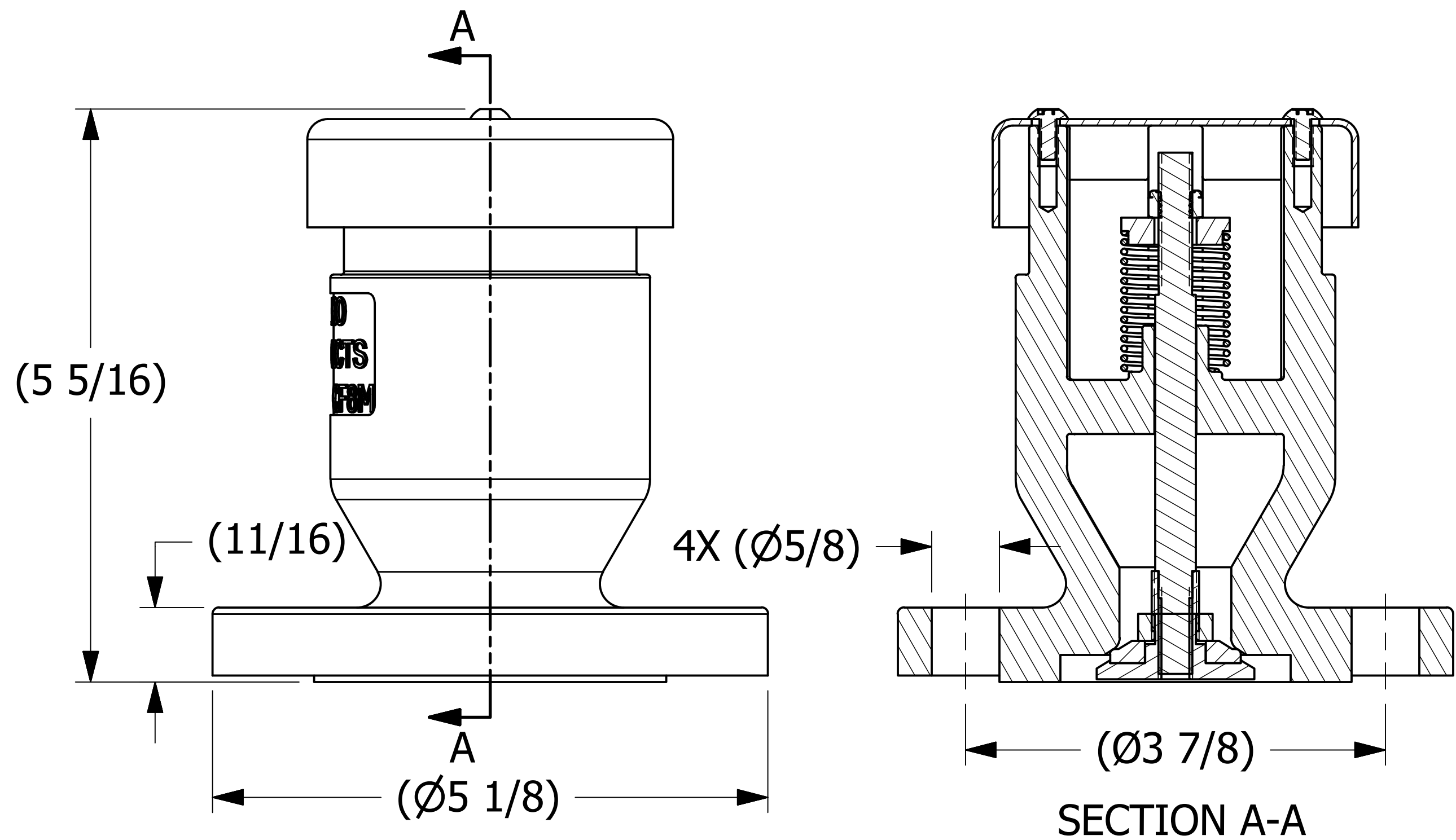


APPLY DROP OF  
BLUE THREADLOCKER

NOTES:

1. VALVE BODY IS 316 SS, CF8M.
2. VACUUM RATING IS 6.11" OF Hg (-3 PSI) PER APPENDIX A, SECTION 4.10 OF AAR TANK CAR MANUAL.
3. AAR APPROVAL # E-202141.
4. TEST PER Q-2.15.7.
5. SEE DOCUMENT Q-2.14 FOR MARKING PROCEDURE.

| NO. | PART NAME                           | PART #      | REQ'D | MATERIAL      |
|-----|-------------------------------------|-------------|-------|---------------|
| 1   | HEX JAM NUT 7/16"-20                | N716S       | 1     | 18-8 SS       |
| 2   | HEX LOCK NUT 5/16"-18               | R20ANS      | 1     | 18-8 SS       |
| 3   | TAMPER RESISTANT SCREW 10-32 X 3/8" | TRS1032SS   | 2     | 302 SS        |
| 4   | VACUUM RELIEF VALVE GASKET 1 1/2"   | VV1507G     | 1     | BLACK VITON B |
| 5   | VACUUM RELIEF VALVE BUSHING 2 1/2"  | VV25S41SB   | 1     | 303 SS        |
| 6   | SPRING 1" X 3 1/2"                  | VV25S41SP   | 1     | 18-8 SS       |
| 7   | VACUUM RELIEF VALVE STEM 1 1/2"     | VVN15S4SA   | 1     | 304/18-8 SS   |
| 8   | VACUUM RELIEF VALVE BODY 1 1/2"     | VVN15S6RAVB | 1     | 316 SS        |
| 9   | VACUUM RELIEF VALVE CAP             | VVNS4TC     | 1     | 304 SS        |



|     |     |         |                                                    |
|-----|-----|---------|----------------------------------------------------|
| E   | WEB | 7/21/21 | UPDATED MARKING; REMOVED LABEL                     |
| D   | WEB | 9/4/20  | AAR # WAS E-099034; UPDATED TITLE BLOCK            |
| C   | JG  | 3/20/18 | Q-2.14 WAS QAP5A-1; Q-2.15.7 WAS QAP4C-1           |
| B   | RJP | 8/5/14  | "VVN15" TO "VVN15S6RA307A", BHCS73742 TO TRS1032SS |
| A   | CHL | 1/15/14 | RELEASED FOR PRODUCTION                            |
| REV | BY  | DATE    | DESCRIPTION                                        |

|                                                                                                         |                                |           |
|---------------------------------------------------------------------------------------------------------|--------------------------------|-----------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONAL TOLERANCES                                                    | DRAWN BY:                      | RJP       |
| FRACTIONAL: ±1/16                                                                                       | CHECKED BY:                    | WRB       |
| X.XX: ±.03                                                                                              | PROTOTYPE<br>DATE:             | 9/5/2013  |
| X.XXX: ±.015                                                                                            | APPROVED FOR<br>PRODUCTION BY: | WRB       |
| ANGULAR: ±1°                                                                                            | PRODUCTION<br>DATE:            | 2/14/2014 |
| DEBURR ALL SHARP EDGES.<br>ALL MACHINED SURFACES TO<br>HAVE A 125 RMS FINISH<br>UNLESS NOTED OTHERWISE. | SIZE:                          | D         |
| THIRD ANGLE PROJECTION                                                                                  | DRAWING #:                     | 37136     |

|                                                  |                    |               |
|--------------------------------------------------|--------------------|---------------|
| SALCO PRODUCTS, INC.                             |                    |               |
| PART NAME:<br>VACUUM RELIEF VALVE 1 1/2" FLANGED |                    |               |
| MATERIAL:<br>SEE BOM                             |                    |               |
| PROJECT #:<br>070717                             | SHEET #:<br>1 OF 1 | SCALE:<br>1:1 |
| PART #:<br>VVN15S6RA307A                         |                    |               |