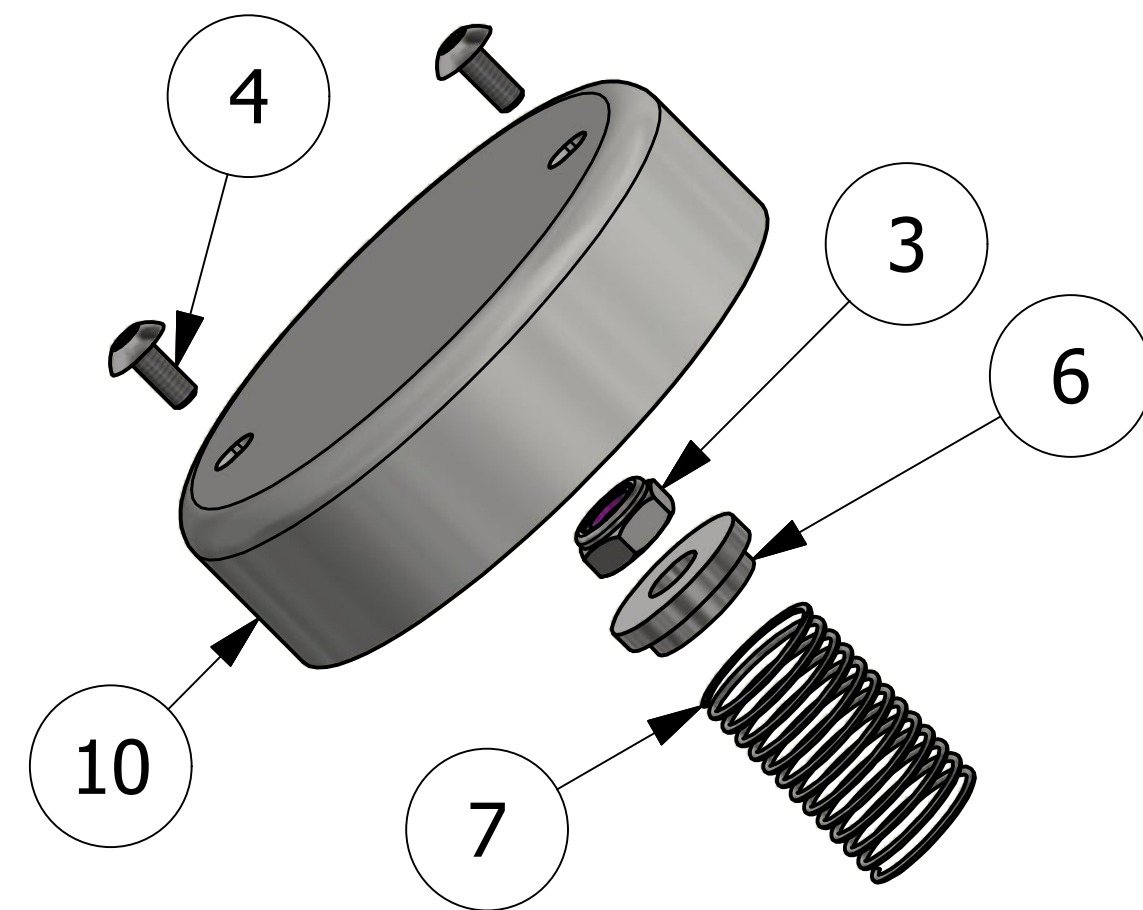


NO.	PART NAME	PART#	REQ'D	MATERIAL
1	PIPE FLANGE 4 3/4"X1 1/2" NPT	B44452	1	304 SS
2	HEX JAM NUT 7/16"-20	N716S	1	18-8 SS
3	HEX LOCK NUT 5/16"-18	R20ANS	1	18-8 SS
4	TAMPER RESISTANT SCREW 10-32 X 3/8"	TRS1032SS	2	302 SS
5	VACUUM RELIEF VALVE GASKET 1 1/2"	VV15202G	1	BLACK VITON GFLT-600S
6	VACUUM RELIEF VALVE BUSHING 1 1/2"	VV15S41SB	1	303 SS
7	SPRING 3/4" X 3 5/16"	VV15S41SP	1	18-8 SS
8	VACUUM RELIEF VALVE STEM 1 1/2"	VVN15S4SA	1	304/18-8 SS
9	VACUUM RELIEF VALVE BODY ASSEMBLY 1 1/2"	VVN15S4VBA	1	304 SS
10	VACUUM RELIEF VALVE CAP	VVNS4TC	1	304 SS



MARK PER Q-2.14
TEXT HEIGHT .1" MINIMUM

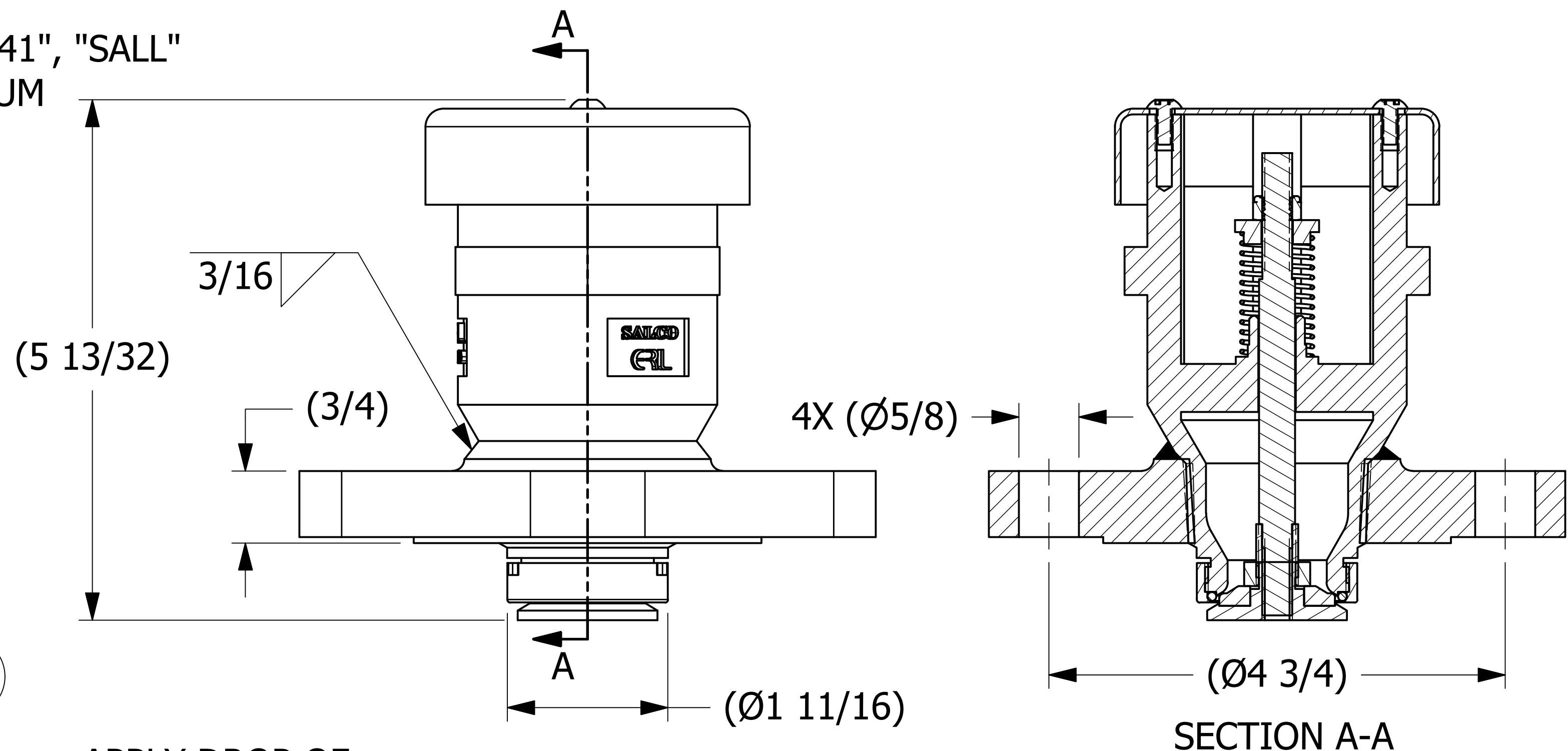
ENGRAVE "AAR # E-202141", "SALL"
TEXT HEIGHT .1" MINIMUM

APPLY ANTI-SEIZE
TO THREADS

ENGRAVE "SET VACUUM 1.5 PSIG",
"VVN15X2S4RA5202A1", "VITON GFLT"
TEXT HEIGHT .1" MINIMUM

APPLY ANTI-SEIZE
TO THREADS

APPLY DROP OF
BLUE THREADLOCKER



- NOTES:
1. VALVE BODY IS 304 SS WITH TEFLON ENCAPSULATED SILICONE O-RING.
 2. VACUUM RATING IS 3.05" OF Hg (-1.5 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.
 6. SEE DOCUMENTS WPS-F03, WPS-F05, WPS-M07, WPS-M10, WPS-T06, & WPS-T07 FOR WELDING PROCEDURE.
 7. WELD ACCEPTANCE CRITERIA TO MEET DOCUMENT D-005.

C	WEB	7/26/21	UPDATED MARKING; REMOVED LABEL
B	WEB	9/4/20	AAR # WAS E-099034; UPDATED TITLE BLOCK; UPDATED WELD; ADDED D-005 NOTE
A	CHL	1/30/18	RELEASED FOR PRODUCTION
REV	BY	DATE	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES	DRAWN BY:	JG
FRACTIONAL: ±1/16	CHECKED BY:	EJF
X.XX: ±.03	PROTOTYPE DATE:	1/17/2018
X.XXX: ±.015	APPROVED FOR PRODUCTION BY:	VD
ANGULAR: ±1°	PRODUCTION DATE:	1/30/2018
DEBURR ALL SHARP EDGES. ALL MACHINED SURFACES TO HAVE A 125 RMS FINISH. UNLESS NOTED OTHERWISE.	SIZE:	D
THIRD ANGLE PROJECTION	DRAWING #:	46498

SALCO PRODUCTS, INC.

PART NAME:
VACUUM RELIEF VALVE 1 1/2"X2" FLANGED

MATERIAL:
SEE BOM

PROJECT #:
R180111F

SHEET #:
1 OF 1

SCALE:
1:1

PART #:
VVN15X2S4RA5202A1