

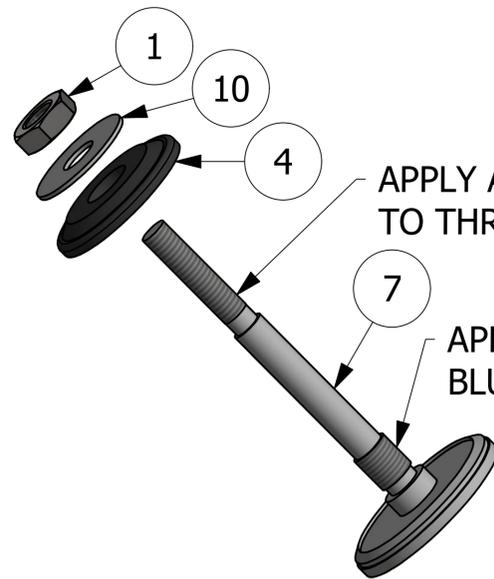
ENGRAVE
"AAR # E-202141", "SALL"
TEXT HEIGHT .1" MINIMUM

MARK PER Q-2.14
TEXT HEIGHT .1" MINIMUM

APPLY ANTI-SEIZE
TO THREADS

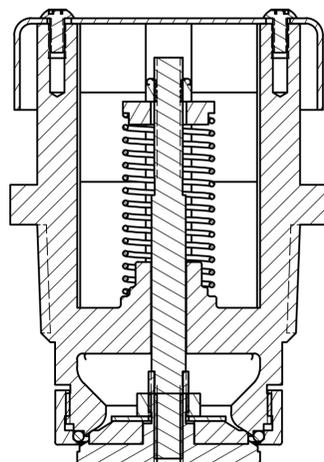
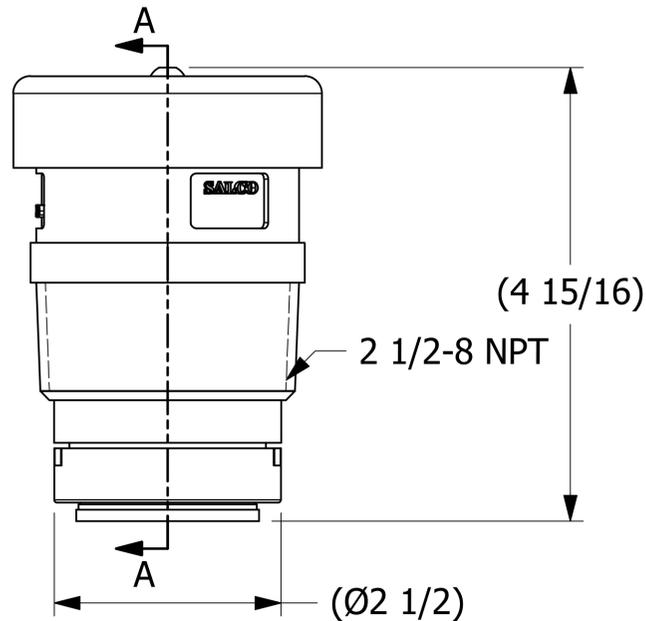
ENGRAVE "SET VACUUM 3/4 PSIG",
"VVN25S4101A", "NITRILE"
TEXT HEIGHT .1" MINIMUM

8



APPLY ANTI-SEIZE
TO THREADS

APPLY DROP OF
BLUE THREADLOCKER



SECTION A-A

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 2 1/2"	VV2501G	1	BLACK NITRILE
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 2 1/2"	VVN25S4SA	1	304 SS
8	VACUUM RELIEF VALVE BODY ASSEMBLY 2 1/2"	VVN25S4VBA	1	304 SS
9	VACUUM RELIEF VALVE CAP	VVNS4TC	1	304 SS
10	FLAT WASHER 7/16"	WASH716S	1	18-8 SS

NOTES:

1. VALVE BODY IS 304 SS WITH TEFLON ENCAPSULATED SILICONE O-RING.
2. VACUUM RATING IS 1.53" OF Hg (-.75 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.

S	WEB	8/25/21	UPDATED MARKING; REMOVED LABEL
R	WEB	9/10/20	AAR # WAS E-099034; UPDATED TITLE BLOCK
Q	CHL	2/8/18	Q-2.14 WAS QAP5A-1; Q-2.15.7 WAS QAP4C-1, DWG# WAS D13087
P	RJP	8/5/14	TRS1032SS WAS BHCS73742
O	WEB	2/6/14	CHANGED "VVN25" TO PART NUMBER
N	RJP	1/10/14	UPDATED TITLE BLOCK
M	WRB	11/29/12	ADDED TEXT SIZE & "NITRILE" MARKING TO CAP
L	GS	11/26/12	ADDED MARK PER QAP5A-1 NOTE & NEW TITLE BLOCK
K	TAJ	2/28/12	ADDED SERIAL # NOTE
J	BG	5/7/12	UPDATED VVN25S4VBA & REPLACED BHCS1034S W/BHCS73742
I	CHL	1/29/10	AAR APPROVAL # WAS E-999001
H	WRB	9/12/08	UPDATED TO CURRENT 3D STANDARDS, ADDED NOTESREMOVED WASH316S AND CORRECTED BOM ERRORS
G	ACC	3/24/05	ADDED HEX TO BODY, REMOVED CHARTADDED STAMPING NOTE & ADDED VV2501G TO BOM
F	ACC	2/6/04	ADDED VVN25S4125A TO CHART
E	ACC	5/2/03	ADDED LABEL TO BOM
D	CHL	11/14/02	ADDED VVN25S4112A TO CHART
C	CHL	1/11/00	ADDED SUBASSEMBLIES & GASKET PART NUMBERS
B	ACC	3/30/99	REMOVED CROSS BAR
A	ACC	2/23/99	ADDED AAR APPLICATION
REV	BY	DATE	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES	DRAWN BY:	ACC
FRACTIONAL: ±1/16	CHECKED BY:	AVD
X.XX: ±.03	PROTOTYPE DATE:	1/18/1999
X.XXX: ±.015	APPROVED FOR PRODUCTION BY:	ACC
ANGULAR: ±1°	PRODUCTION DATE:	1/21/1999
DEBURR ALL SHARP EDGES. ALL MACHINED SURFACES TO HAVE A 125 RMS FINISH UNLESS NOTED OTHERWISE.	SIZE:	D
THIRD ANGLE PROJECTION	DRAWING #:	46644

SALCO PRODUCTS, INC.

PART NAME:
VACUUM RELIEF VALVE 2 1/2" THREADED

MATERIAL:
SEE BOM

PROJECT #:
970312

SHEET #:
1 OF 1

SCALE:
1 : 1

PART #:
VVN25S4101A