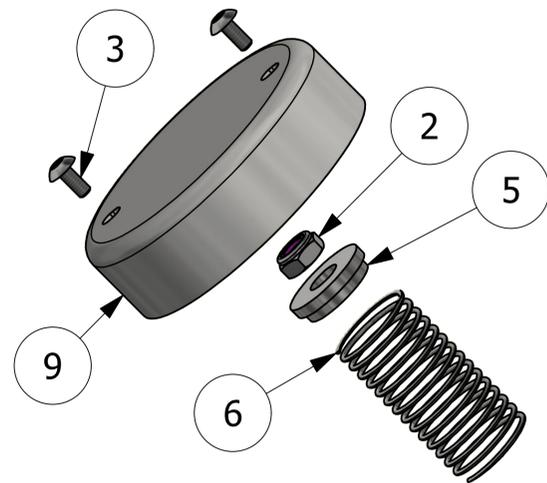


NO.	PART NAME	PART#	REQ'D	MATERIAL
1	HEX JAM NUT 7/16"-20	N716S	1	18-8 SS
2	HEX LOCK NUT 5/16"-18	R20ANS	1	18-8 SS
3	TAMPER RESISTANT SCREW 10-32 X 3/8"	TRS1032SS	2	302 SS
4	VACUUM RELIEF VALVE GASKET 2 1/2"	VV2502G	1	WHITE FDA NITRILE
5	VACUUM RELIEF VALVE BUSHING 2 1/2"	VV25S41SB	1	303 SS
6	SPRING 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

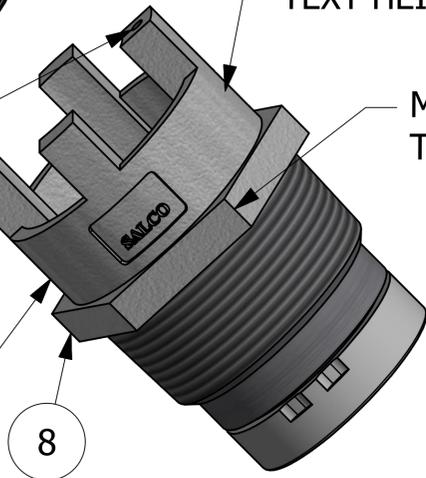


ENGRAVE
"AAR # E-202141", "SALL"
TEXT HEIGHT .1" MINIMUM

MARK PER Q-2.14
TEXT HEIGHT .1" MINIMUM

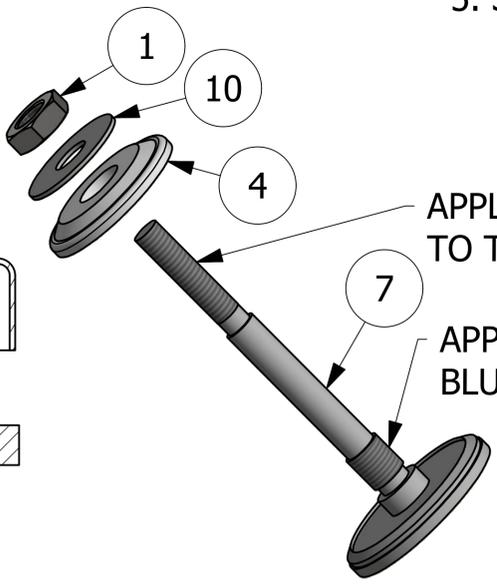
APPLY ANTI-SEIZE
TO THREADS

ENGRAVE "SET VACUUM 3/4 PSIG",
"VVN25S4102A", "NITRILE"
TEXT HEIGHT .1" MINIMUM



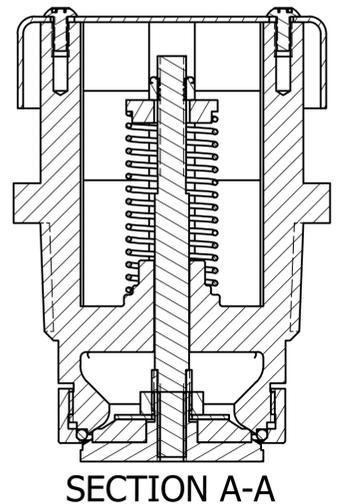
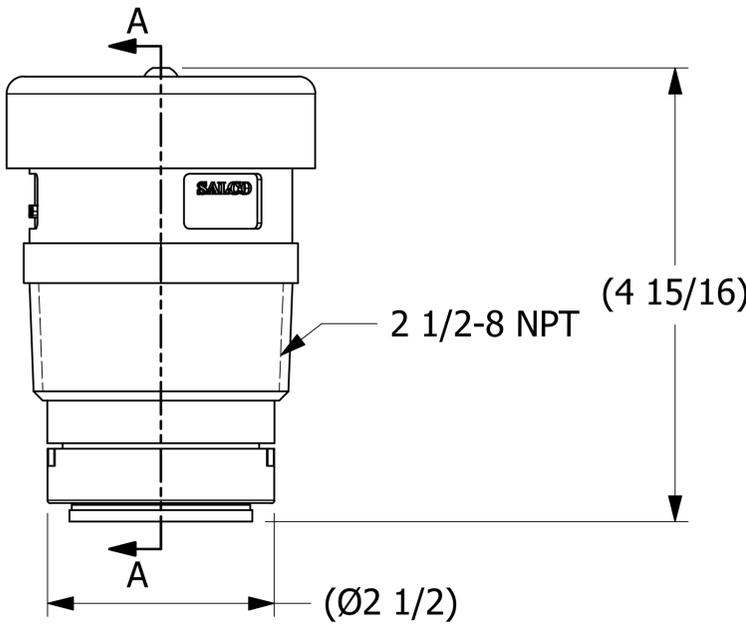
NOTES:

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.



APPLY ANTI-SEIZE
TO THREADS

APPLY DROP OF
BLUE THREADLOCKER



M	CHL	9/2/21	UPDATED MARKING; REMOVED LABEL
L	WEB	9/8/20	AAR # WAS E-099034; UPDATED TITLE BLOCK
K	JG	3/20/18	Q-2.14 WAS QAP5A-1; Q-2.15.7 WAS QAP4C-1
J	RJP	7/23/14	TRS1032SS WAS BHCS73742
I	WEB	2/4/14	CHANGED "VVN25" TO PART NUMBER
H	RJP	1/10/14	UPDATED TITLE BLOCK
G	WRB	11/29/12	ADDED TEXT SIZE & "NITRILE" MARKING TO CAP
F	GS	11/26/12	ADDED MARK PER QAP5A-1 NOTE & NEW TITLE BLOCK
E	TAJ	8/28/12	ADDED LABEL NOTES
D	BG	6/14/12	UPDATED VVN25S4VBA & REPLACED BHCS1034S W/BHCS73742
C	CHL	1/29/10	AAR APPROVAL # WAS E-999001
B	WRB	9/12/08	UPDATED TO CURRENT 3D STANDARDS, ADDED NOTESREMOVED WASH316S AND CORRECTED BOM ERRORS
A	ACC	3/24/05	ADDED PART INTO THE SYSTEM
REV	BY	DATE	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES	DRAWN BY:	ACC
FRACTIONAL: ±1/16	CHECKED BY:	AVD
X.XX: ±.03	PROTOTYPE DATE:	3/24/2005
X.XXX: ±.015	APPROVED FOR PRODUCTION BY:	ACC
ANGULAR: ±1°	PRODUCTION DATE:	3/24/2005
DEBURR ALL SHARP EDGES. ALL MACHINED SURFACES TO HAVE A 125 RMS FINISH. UNLESS NOTED OTHERWISE. THIRD ANGLE PROJECTION	SIZE:	D
	DRAWING #:	20343



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

MATERIAL: **SEE BOM**

PROJECT #: **970312** SHEET #: **1 OF 1** SCALE: **1 : 1**

PART #: **VVN25S4102A**