

NO.	PART NAME	PART #	REQ'D	MATERIAL
1	HEX JAM NUT 7/16"-20	N716S	1	18-8 SS
2	PIPE FLANGE 2 1/2" 150 LB	PF25N150S4	1	304 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 2 1/2"	VV2529G	1	BLACK EPDM PC
6	VACUUM RELIEF VALVE BUSHING 2 1/2"	VV25S41SB	1	303 SS
7	SPRING 1" X 3 1/2"	VV25S42SP	1	18-8 SS
8	VACUUM RELIEF VALVE STEM 2 1/2"	VVN25S4SA	1	304 SS
9	VACUUM RELIEF VALVE BODY ASSEMBLY 2 1/2"	VVN25S4VBA	1	304 SS
10	VACUUM RELIEF VALVE CAP	VVNS4TC	1	304 SS
11	FLAT WASHER 7/16"	WASH716S	1	18-8 SS

ENGRAVE "SET VACUUM 1.5 PSIG", "VVN25S4RA529A", "PC EPDM" TEXT HEIGHT .1" MINIMUM

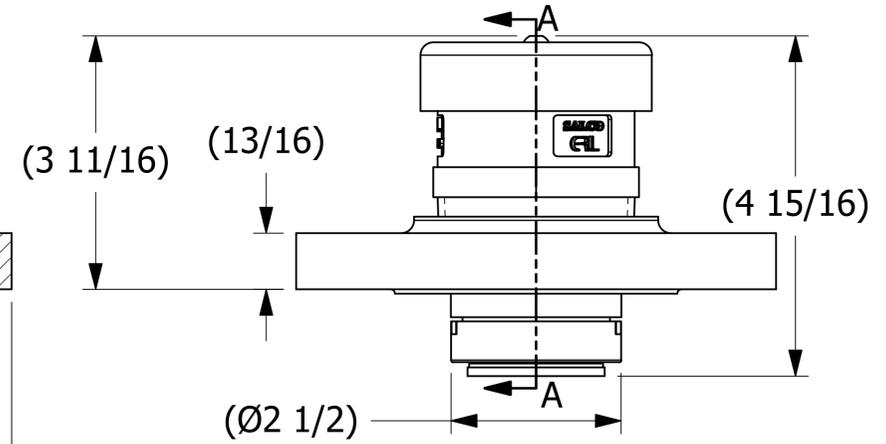
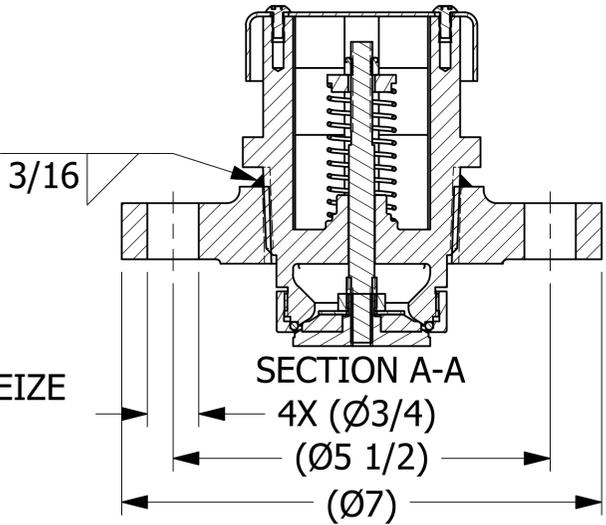
ENGRAVE "AAR # E-202141", "SALL" TEXT HEIGHT .1" MINIMUM

MARK PER Q-2.14 TEXT HEIGHT .1" MINIMUM

APPLY ANTI-SEIZE TO THREADS

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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. VV2529G IS PEROXIDE-CURED.
 7. SEE DOCUMENTS WPS-F03, WPS-F05, WPS-M07, WPS-M10, WPS T06, & WPS-T07 FOR WELDING SPECIFICATIONS.
 8. WELD ACCEPTANCE TO MEET DOCUMENT D-005.

I	WEB	7/16/21	UPDATED MARKINGS; REMOVED LABEL
H	WEB	9/10/20	AAR # WAS E-099034; UPDATED TITLE BLOCK; SCALE WAS 1:1
G	CHL	2/19/20	UPDATED NOTE 7, ADDED NOTE 8, REMOVED ALL AROUND WELD SYMBOL
F	JG	3/19/18	Q-2.14 WAS QAP5A-1; Q-2.15.7 WAS QAP4C-1; UPDATED WELD NOTE TO DSS 12
E	RJP	8/5/14	"VVN25" TO "VVN25S4RA529A", BHCS73742 TO TRS1032SS
D	RJP	1/24/14	UPDATED TITLE BLOCK
C	GS	11/26/12	ADDED MARK PER QAP5A-1 NOTE & TITLE BLOCK ADDED TEXT SIZE & "PC EPDM" MARKING TO CAP
B	BG	6/14/12	UPDATED VVN25S4VBA & REPLACED BHCS1034S W/BHCS73742
A	BG	10/20/11	NEW PART ADDED TO THE NETWORK
REV	BY	DATE	DESCRIPTION

UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES	DRAWN BY:	REH
FRACTIONAL: ±1/16	CHECKED BY:	VD
X.XX: ±.03	PROTOTYPE DATE:	11/3/2010
X.XXX: ±.015	APPROVED FOR PRODUCTION BY:	VD
ANGULAR: ±1°	PRODUCTION DATE:	10/20/2011
DEBURR ALL SHARP EDGES. ALL MACHINED SURFACES TO HAVE A 125 RMS FINISH. UNLESS NOTED OTHERWISE. THIRD ANGLE PROJECTION	SIZE:	D
	DRAWING #:	29762

SALCO PRODUCTS, INC.

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

MATERIAL: **SEE BOM**

PROJECT #: **101001** SHEET #: **1 OF 1** SCALE: **3:4**

PART #: **VVN25S4RA529A**