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REVISIONS				
ZONE	LTR.	DESCRIPTION	DATE	APPROVED

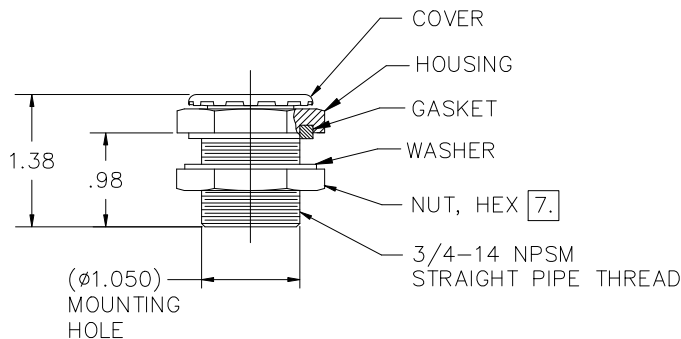
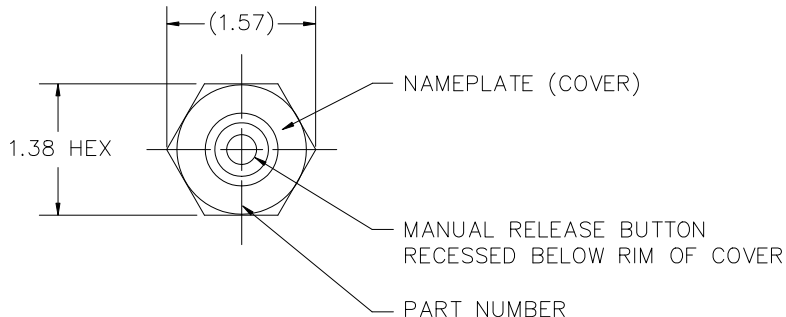
APPROVED
By Eric Zuercher at 8:26 am, Aug 13, 2021

NOTES UNLESS OTHERWISE SPECIFIED:

- NOMENCLATURE: VALVE, BREATHER, TWO-WAY RELIEF WITH MANUAL RELEASE BUTTON.
- APPLICABLE SPECIFICATION: SAE AS27166, TYPE III, WITH MODIFIED PERFORMANCE AS SHOWN IN TABLES ON SHEET 2.
- PERFORMANCE: SEE TABLES ON SHEET 2.
- MATERIALS:
 - HOUSING, COVER, RELEASE BUTTON, NUT, AND WASHER: ALUMINUM ALLOYS.
 - GASKET AND INTERNAL SEALS (NOT SHOWN): SILICONE RUBBER IAW A-A-59588.
- FINISH: HOUSING, NUT, AND WASHER, ANODIZED IAW MIL-A-8625, TYPE II, CLASS 1.
- THE FOLLOWING ITEMS FURNISHED AS PART OF THIS ASSEMBLY MAY BE PURCHASED SEPARATELY:

P/N 300200	GASKET
300013-16	WASHER
300003-16	NUT

- RECOMMENDED HEX NUT INSTALLATION TORQUE: 30-40 IN-LBS.



AIR FLOW "P" (OUT OF CONTAINER)
AIR FLOW "V" (INTO CONTAINER)

				INTERPRET DIMENSIONS AND TOLERANCES IAW ASME Y14.5M-1994		CONTRACT			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN			
				TOLERANCES:		DATE			
				DECIMALS .XX ±.015 ±.02		M.ONTIVEROS 8-4-15			
				ANGLES ±.5°		CHECK			
				DO NOT SCALE DRAWING		E.ZUERCHER 8-18-15			
				FINISH		APPROVED			
				5.		E.ZUERCHER 8-18-15			
				SIMILAR TO		MANUFACTURING			
				ACT. WT. CALC. WT.		CUSTOMER			
PART DASH NO.	NEXT FINAL	QTY. REQ'D PER ASSY.	FINAL	NEXT ASSY.	USED ON	SIZE	FSCM NO.	DWG. NO.	REV
			FINAL			C	08992	TA333-R	H
APPLICATION						SCALE	1/1	RELEASE DATE	SHEET
								1 OF 2	

agm CONTAINER CONTROLS, INC. P.O. BOX 40020 - TUCSON, ARIZONA 85717-0020			
TITLE VALVE, BREATHER			
SIZE	FSCM NO.	DWG. NO.	REV
C	08992	TA333-R	H
SCALE	1/1	RELEASE DATE	SHEET
		1 OF 2	

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PRESSURE AND VACUUM SETTINGS ARE INDEPENDENT AND CAN BE SPECIFIED IN ANY COMBINATION SO LONG AS PRESSURE AND VACUUM DESIGNATORS ARE NO MORE THAN 2 PSI APART. FOR EXAMPLE, TA333-25-10-R AND TA333-05C-25C-R ARE VALID PART NUMBERS, BUT TA333-05-30-R IS NOT.

OTHER SETTINGS ARE AVAILABLE UPON REQUEST.

RESEAL VALVE PERFORMANCE						
PART NUMBER	PRESSURE SIDE (FLOW OUT)			VACUUM SIDE (FLOW IN)		
	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)
TA333-025-025-R	0.25-0.75	0.25	3 BY 1.75	0.25-0.75	0.25	4 BY 1.75
TA333-05-05-R	0.50-1.00	0.50	3 BY 2.00	0.50-1.00	0.50	4 BY 2.00
TA333-10-10-R	1.00-1.50	1.00	2.5 BY 2.50	1.00-1.50	1.00	3.5 BY 2.50
TA333-15-15-R	1.50-2.25	1.50	2 BY 3.00	1.50-2.25	1.50	3 BY 3.00
TA333-20-20-R	2.00-3.00	2.00	2 BY 3.50	2.00-3.00	2.00	3 BY 3.50
TA333-25-25-R	2.50-3.50	2.50	1.5 BY 4.00	2.50-3.50	2.50	2.5 BY 4.00
TA333-30-30-R	3.00-4.00	3.00	1.5 BY 4.50	3.00-4.00	3.00	2.5 BY 4.50
TA333-35-35-R	3.50-5.00	3.50	1.5 BY 5.00	3.50-5.00	3.50	2.5 BY 5.00
TA333-40-40-R	4.00-5.50	4.00	1 BY 5.50	4.00-5.50	4.00	1 BY 5.50
TA333-50-50-R	5.00-6.50	5.00	1 BY 8.00	5.00-6.50	5.00	1 BY 8.00
TA333-55-55-R	5.50-7.00	5.50	1 BY 9.00	5.50-7.00	5.50	1 BY 9.00

CRACKING VALVE PERFORMANCE						
PART NUMBER	PRESSURE SIDE (FLOW OUT)			VACUUM SIDE (FLOW IN)		
	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE AFTER CRACK, MIN (PSID)	MINIMUM FLOW RATE (SCFM BY PSID)
TA333-005C-005C-R	0.10 MAX	N/R	2.0 BY 0.50	0.10 MAX	N/R	1.5 BY 0.50
TA333-02C-02C-R	0.10-0.30	0.10	3.5 BY 1.75	0.10-0.30	0.10	3.5 BY 1.75
TA333-025C-025C-R	0.10-0.40	0.10	3.5 BY 1.75	0.10-0.40	0.10	3.5 BY 1.75
TA333-05C-05C-R	0.30-0.70	0.10	3 BY 2.00	0.30-0.70	0.10	4 BY 2.00
TA333-07C-07C-R	0.50-0.90	0.30	3 BY 2.00	0.50-0.90	0.30	4 BY 2.00
TA333-10C-10C-R	0.75-1.25	0.50	3 BY 2.00	0.75-1.25	0.50	4 BY 2.00
TA333-12C-12C-R	0.95-1.45	0.50	3 BY 2.20	0.95-1.45	0.50	4 BY 2.20
TA333-15C-15C-R	1.25-1.75	1.00	3 BY 3.00	1.25-1.75	1.00	3 BY 3.00
TA333-18C-18C-R	1.55-2.05	1.30	2 BY 3.00	1.55-2.05	1.30	3 BY 3.00
TA333-20C-20C-R	1.75-2.25	1.00	2 BY 3.50	1.75-2.25	1.00	3 BY 3.50
TA333-25C-25C-R	2.20-2.80	1.50	2 BY 4.00	2.20-2.80	1.50	2 BY 4.00
TA333-30C-30C-R	2.70-3.30	2.00	1.5 BY 4.50	2.70-3.30	2.00	1.5 BY 4.50
TA333-32C-32C-R	2.70-3.70	2.50	1.5 BY 4.70	2.70-3.70	2.50	1.5 BY 4.70
TA333-40C-40C-R	3.25-4.75	3.00	1 BY 5.50	3.25-4.75	3.00	1 BY 5.50
TA333-55C-55C-R	5.00-6.00	4.50	1 BY 7.00	5.00-6.00	4.50	1 BY 7.00

SIZE C	FSCM NO. 08992	DWG. NO. TA333-R	REV H
SCALE NONE	SHEET 2		

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