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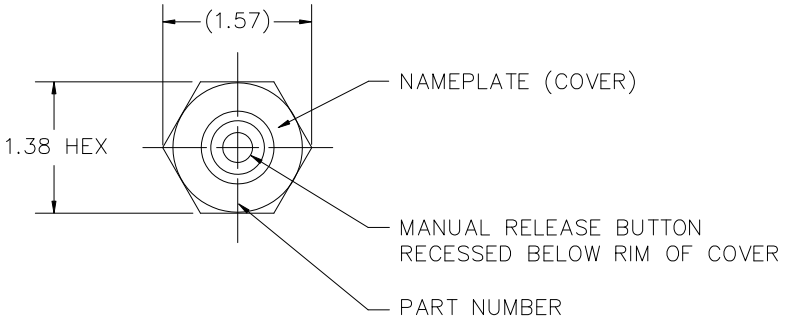
REVISIONS				
ZONE	LTR.	DESCRIPTION	DATE	APPROVED

APPROVED
By Eric Zuercher at 4:40 pm, Jan 23, 2025

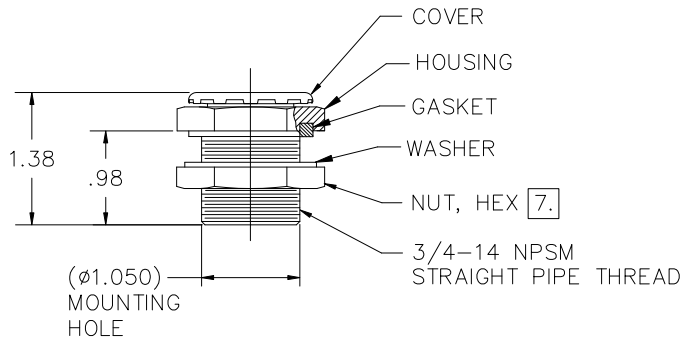
NOTES UNLESS OTHERWISE SPECIFIED:

- 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.
- ITEM MAY BE ORDERED WITHOUT WASHER AND HEX NUT BY APPENDING "N" TO PART NUMBER. FOR EXAMPLE: TA333-10-10-RN



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



				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 .XXX ±.010 ±.5°		CHECK	
				DO NOT SCALE DRAWING		E.ZUERCHER 8-18-15	
				FINISH		APPROVED	
				5.		E.ZUERCHER 8-18-15	
				PART DASH NO.		MANUFACTURING	
				NEXT FINAL		CUSTOMER	
				QTY. REQ'D PER ASSY.			
				NEXT ASSY.			
				USED ON			
				SIMILAR TO			
				ACT. WT. CALC. WT.			
				APPLICATION			

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	J
SCALE 1/1	RELEASE DATE	SHEET	1 OF 2

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REVISIONS

ZONE	LTR.	DESCRIPTION	DATE	APPROVED
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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 J
SCALE NONE	SHEET 2		

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