REVISIONS				
ZONE	LTR.	DESCRIPTION	DATE	APPROVAL

APPROVED
By Jordan Bontrager at 4:54 pm, Oct 09, 2026

NOTES UNLESS OTHERWISE SPECIFIED:

1. NOMENCLATURE: AUTOMATIC ONE-WAY PRESSURE RELIEF VALVE.

2. PERFORMANCE: SEE TABLE BELOW.

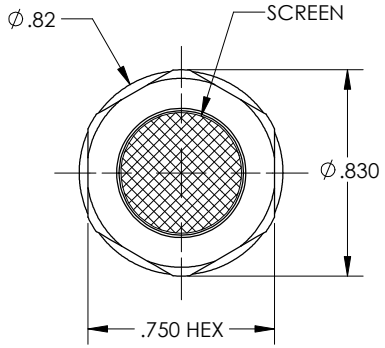
3. MATERIALS:
3.1 HOUSING, STEM (NOT SHOWN), AND NUT: ALUMINUM ALLOY.
3.2 SPRING (NOT SHOWN), RETAINING RING AND SCREEN: STAINLESS STEEL.
3.3 ENVIRONMENTAL O-RING AND O-RING SEAL (NOT SHOWN): BUNA-N.
3.4 WASHER: ACETAL.

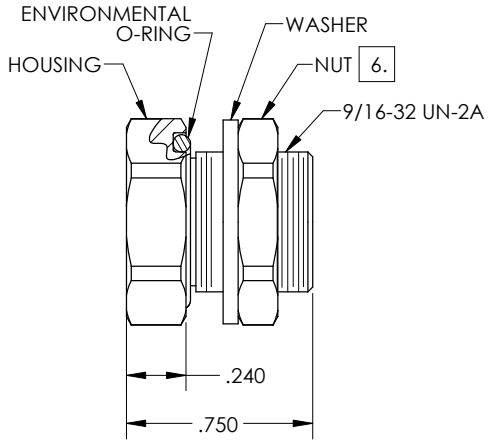
4. FINISH:
4.1 ALUMINUM ALLOYS: BLACK ANODIZED IAW MIL-A-8625, TYPE II, CLASS 2.
4.2 STAINLESS STEEL: PASSIVATED.

5. THE FOLLOWING ITEMS FURNISHED AS PART OF THIS ASSEMBLY MAY BE PURCHASED SEPARATELY:

P/N		
	296008	ENVIRONMENTAL O-RING
	296011	WASHER
	296010-5	NUT

6. RECOMMENDED NUT INSTALLATION TORQUE: 20-25 IN-LBS.





(OUT OF CONTAINER) ← AIR FLOW "P"

VALVE PERFORMANCE			
PART NUMBER	CRACKING PRESSURE RANGE (PSID)	RESEAL PRESSURE, MIN. (PSID)	MIN. FLOW RATE (SCFM BY PSID)
TA296-P-025C	0.10-0.40	0.10	N/R
TA296-P-035C	0.20-0.50	0.10	N/R
TA296-P-05C	0.30-0.70	0.10	N/R
TA296-P-10C	0.85-1.15	0.75	N/R
TA296-P-15C	1.20-1.80	0.80	N/R
TA296-P-20	2.00-3.00	2.00	1.25 BY 4.00
TA296-P-27C	2.50-3.00	1.50	1.75 BY 4.50
TA296-P-30C	2.75-3.25	2.00	1.75 BY 4.50
TA296-P-30	3.00-4.00	3.00	1.25 BY 4.50
TA296-P-50	5.00-6.50	5.00	1 BY 8.00
TA296-P-57C	5.00-6.50	5.00	N/R
TA296-P-60C	5.00-7.00	4.50	1 BY 7.00
TA296-P-65C	5.50-7.50	5.00	1 BY 7.50
TA296-P-70C	6.00-8.00	5.50	1 BY 8.00

PART DASH NO.	NEXT	FINAL	NEXT ASSY.	USED ON
	QTY. REQ'D PER ASSY.		APPLICATION	

INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1994

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES:
DECIMALS .XX ± .02 .XXX ± .015
ANGLES ± .5°

DO NOT SCALE DRAWING

FINISH 4.

SIMILAR TO	ACT. WT.	CALC. WT.

CONTRACT NO.

		DATE
DRAWN	R.CASAD	11-28-18
CHECK	E.ZUERCHER	11-30-18
APPROVED	E.ZUERCHER	11-30-18
MANUFACTURING		
CUSTOMER		

agm CONTAINER CONTROLS, INC.
P.O. BOX 40020 - TUCSON, ARIZONA 85717-0020

TITLE: VALVE, ONE-WAY PRESSURE RELIEF

SIZE	FSCM NO.	DWG. NO.	REV.
B	08992	TA296-P	C

SCALE 2/1 | RELEASE DATE | SHEET 1 OF 1

B SIZE SHT 1 02/03

FILE \SOLIDWORKS\TA296-P-XXX\TA296-P.SLDDRW