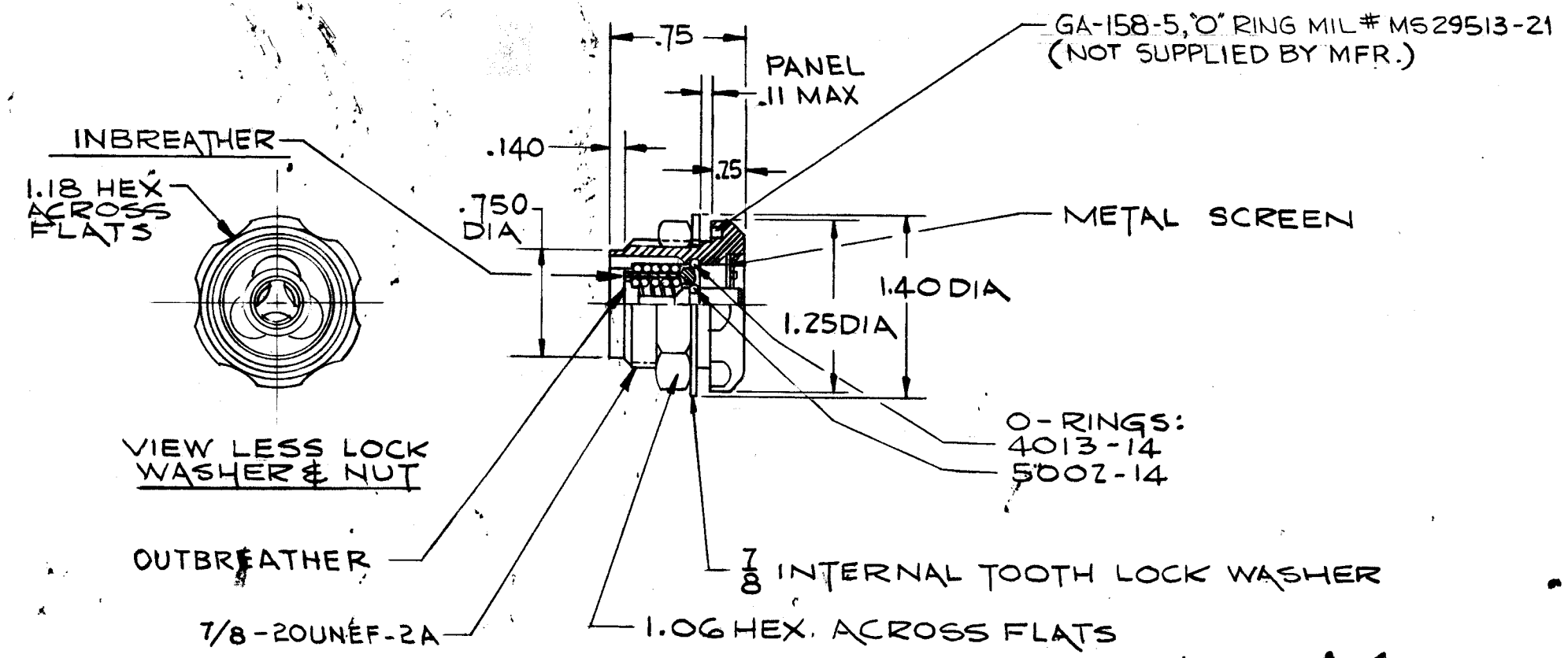


TMC NO.	MFRS NO.	INBREATHER		PRESSURE	OUTBREATHER		PRESSURE	A	REVISIONS						
		CP	RESEAT PRESS	DROP	CP	RESEAT PRESS	DROP		SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
VA-100-1	P4-309	1.0 ± .5 PSI	.25 PSI MIN	2.0 PSI @ 4 SCFM	2.0 ± .5 PSI	1.0 PSI MIN	4.0 PSI @ 4 SCFM		A	CORRECTED & UPDATED "O" RING CALLOUT	11/14/63	10410	HR	MA	WOB

VA-100

SPECIFICATIONS

OPERATING PRESSURE — 0 TO 15 PSI
 PROOF PRESSURE — 30 PSI
 BURST PRESSURE — OVER 45 PSI
 OPERATING TEMP. — -65° TO +165° F
 INTERNAL LEAKAGE — 0
 CRACKING PRESSURE — SEE TABLE
 RESEAT PRESSURE — SEE TABLE
 TEST PROCEDURE — TM 180
 EXTERNAL LEAKAGE — 0
 PRESSURE DROP — SEE TABLE
 O-RING MATERIAL — SILICONE
 SPRING MATERIAL — STN STL 302
 MOUNTING LIMITATIONS — NONE
 SUITABLE FOR AIR, EXTERNAL EXPOSURE TO SALT WATER
 MOUNTING HOLE — .875 ± .015 DIA



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
MATERIAL ALUMINUM (DIE CAST ALLOY) ALCOA NO. 380			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH SULPH. ANODIZE DYED BLACK (BODY)				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			TITLE VALVE, RELIEF, PRESSURE	
DRAWN RINELDI		DATE 9-3-63	FINAL APPROVAL <i>[Signature]</i>	
CHECKED <i>[Signature]</i>		DATE 9-12-63	DATE	
ELECT. DES.		DATE	VA-100	
MECH. DES.		DATE	A	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005			FRACTIONS ± 1/64 ANGLES ± 0° 30'	
TOLERANCES			SHEET	
REV. LTR.			REV. LTR.	

1	TOC	VA-100-1
Q'TY./UNIT	MODEL USED ON	
SCALE NONE	CODE	S401-244

NOTES

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