

PORTING CONFIGURATION

REGULATOR
DOME LOADED BACK PRESSURE REGULATOR

MODIFICATION FEATURES:

GENERAL SPECIFICATIONS:

INLET PRESSURE: 5000 PSI MAX.

REFERENCE PRESSURE: 5000 PSI MAX.

DESIGN PROOF PRESSURE: 150% OF RATED PRESSURE

DESIGN BURST PRESSURE: PER CRITERIA OF ANSI/ASME B31.3

OPERATING TEMPERATURE: -65°F TO +165°F

LEAKAGE: NONE

FLOW CAPACITY (CV): .06

WEIGHT: APPROXIMATELY 2.25 LBS

MAX. OPERATING TORQUE: 40 IN.-LBS.

MATERIALS CONTACTING LINE MEDIA:

SEAT, MAIN VALVE: TEFLO (PTFE)

SEAL: CTFE

O-RING: BUNA-N

BACK-UP RING:

BODY: SEE TABLE III

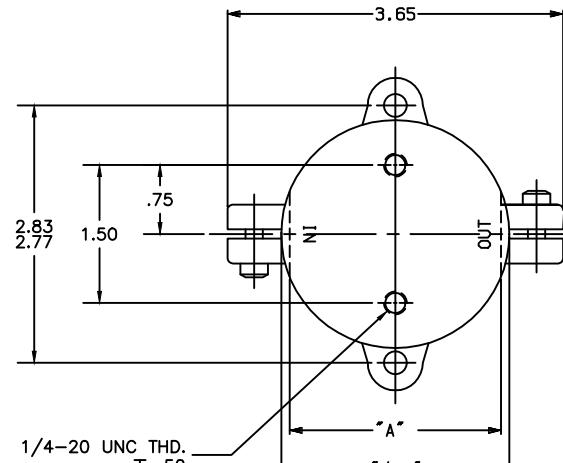
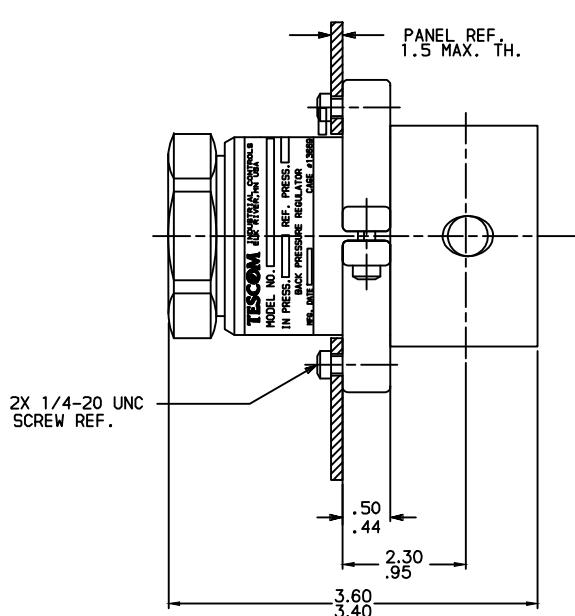
REMAINING PARTS: 300 SERIES SST

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT SEE SHEET 2 OF 2

NOTES:

- PRESSURE AT WHICH REGULATOR IS USED MUST BE COMPATIBLE WITH THE PRESSURE RATING OF THE REGULATOR AND PORT SIZE/TYPE PROVIDED.
- UNIT SHALL NOT BE SUBJECTED TO DIFFERENTIAL PRESSURE (DOME TO SUPPLY PRESSURE) OF MORE THAN 1000 PSI FOR A PERIOD NOT TO EXCEED 2 HRS.



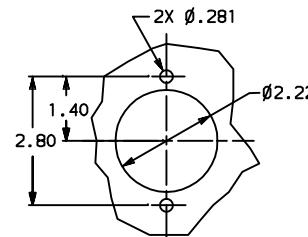
INLET & OUTLET PORT	"A"
1/4 NPT	Ø2.48
1/4 MS33649	2.30

BASIC MODEL NUMBER
269-357-2046
DASH NUMBER

TABLE III	DASH NO.	BODY & DOME MATERIAL
	1	BRASS
	6	316 SST

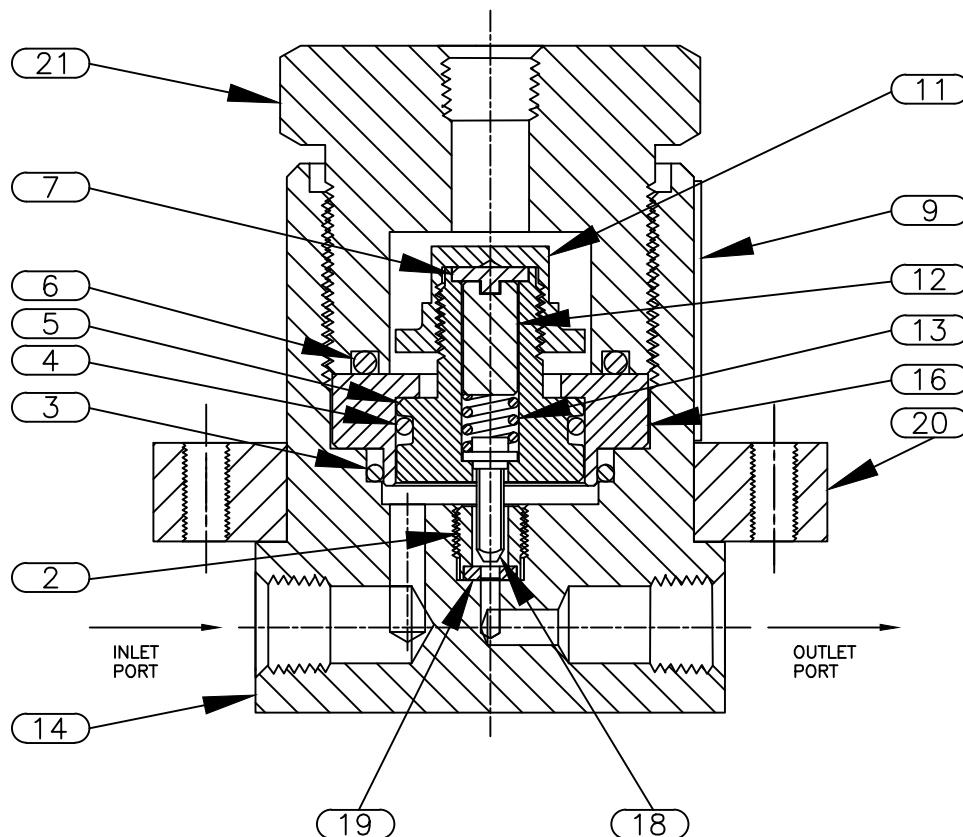
TABLE II	DASH NO.	INLET & OUTLET PORT SIZE
	04	1/4

TABLE I	DASH NO.	IN & OUT PORT TYPE
	2	NPT
	3	MS33649



PANEL CUT-OUT

 INDUSTRIAL CONTROLS DIVISION ELK RIVER, MN USA		MATERIAL:	X		
			X		
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UNLESS OTHERWISE SPECIFIED:		SURFACE ROUGHNESS: 10 ⁹			X
PA	11-18-14	71089-14	Y	BR	
P	11-20-02	1274-02	ULS	MKS	
N	3-11-02	748-02	RAG	DP	
M	4-24-01	869-01	RAG	KJW	
REV.	DATE	ECO NO.	BY	APPR	MFG. SPEC. 80301
REVISIONS					
REFERENCE DRAWING(S)					
DRAWING MADE IN THIRD ANGLE PROJECTION (DO NOT SCALE DRAWING)					
SCALE: 1:1		SIZE NUMBER		269-357-XXXX	
CODE NO. 13669		C		SHT. 1 OF 2	
INSTALLATION INFO.					



NOTES:

1. X-DESIGNSATES INLET AND OUTLET PORT, BODY AND DOME MATERIAL (REF TO MODEL NO. DESIGNATION FOR APPROPRIATE NO.).
2. APPLY SPARINGLY KRYTOX 240 AC LUBRICANT ON ALL O-RING SURFACES, THREADED PORTIONS OF ITEMS 2, 5, AND 21 BEFORE ASSEMBLY.
3. REF. TO SPEC. 8067 FOR TEST INFORMATION.
4. INK STAMP ASSEMBLY DATE ON REGULATOR BODY.
5. INK STAMP CURE DATE FOR RUBBER PARTS.
6. TORQUE VALUES: FIND NO. 11 -- 75-80 IN-LBS.
FIND NO. 2 -- 35-40 IN-LBS.
FIND NO. 21 -- 100 FT-LBS.

			TESCOM CORPORATION INDUSTRIAL CONTROLS DIVISION ELK RIVER, MN USA	MATERIAL: <i>X</i>
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UNLESS OTHERWISE SPECIFIED: .00 ± .005 ANGLES: ±1° .00 ± .010 .000 ± .005				
SURFACE ROUGHNESS: 100/ CORNER & FILLET RADI: .005-.020				
THREADS: CLASS 2 REMOVE ALL BURRS MFG. SPEC. 80301				
DRAWING MADE IN THIRD ANGLE PROJECTION (DO NOT SCALE DRAWING)				
DRAWING NO. 13669 SHT. 2 OF 2				
REVISIONS REFERENCE DRAWING(S)				
			DRAWN BY: RAG	CHECKED BY: KJW
			APPROVED BY: KJW	4-27-01
			NAME	
			ASSEMBLY, INFO.	
SCALE: 2:1	SIZE C	NUMBER 269-357-XXXX		
			CODE NO. 13669	SHT. 2 OF 2