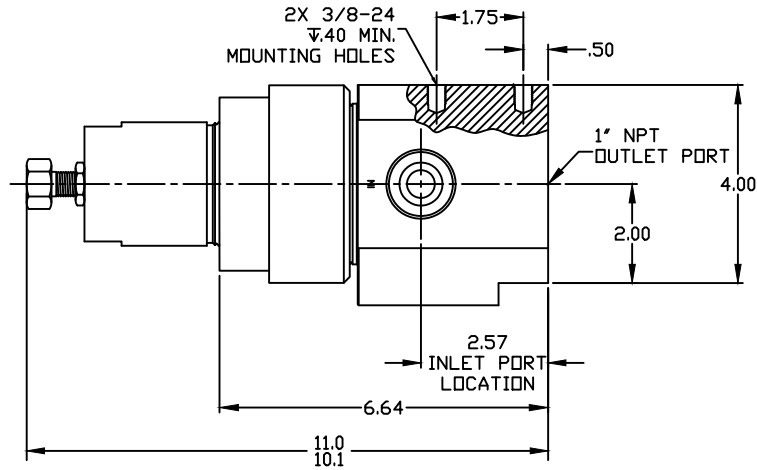
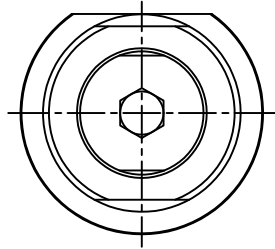


54-2900 SERIES REGULATOR

SPRING LOADED, BACK PRESSURE REGULATOR.
BOTTOM PORTED OUTLET.

MODIFICATION FEATURES:

BALANCED VALVE
NON METALLIC SEAT ONLY
5000 INLET PRESSURE

GENERAL SPECIFICATIONS:

INLET PRESSURE: SEE TABLE II
DESIGN PROOF PRESSURE: 150% OF RATED PRESSURE
PRESSURE RATING: PER CRITERIA OF ANSI/ASME B31.3
OPERATING TEMPERATURE: SEE TABLE III
LEAKAGE: BUBBLE TIGHT (NONMETALLIC SEAT)
FLOW CAPACITY: $C_v = 4.3$

MATERIALS CONTACTING LINE MEDIA:

O-RING: SEE TABLE III
BACK-UP RING: PTFE
SEAT: SEE TABLE IV
SENSOR: 17-4 SST
SENSOR, SHAFT: 17-4 SST
BODY: SEE TABLE I
REMAINING PARTS: 300 SERIES SST, 17-4 SST

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: JTA101648-08

NOTES:

1. LABEL PERMISSIBLE

SERIES NUMBER

AIR ACTUATED

MODIFICATION NUMBER

54-2965T72165-09

TABLE I	DASH NO.	BODY MATERIAL
	6	316 SST

TABLE II	DASH NO./LTR	INLET PRESSURE
	5	5000 PSI

TABLE III	CODE LTR.	O-RING MATERIAL	MEDIA TEMPERATURE
	D	BUNA-N	-30°F (-34°C) TO 165°F (74°C)
	T	FKM	-15°F (-26°C) TO 400°F (204°C)
	V	KALREZ	20°F (-7°C) TO 400°F (204°C)
	Z	ETHYLENE PROPYLENE	-30°F (-34°C) TO 250°F (121°C)

TABLE VI	DASH NO.	INLET PORT SIZE
	16	1"

TABLE V	DASH NO.	INLET PORT TYPE
	1	SAE
	2	NPT
	6	MEDIUM PRESSURE

TABLE IV	DASH NO.	SEAT MATERIAL
	7	VESPEL SP1

REV.	DATE	ECO NO.	BY:	APPR.
AA	5-9-22	2316-22	WH	EJB
REVISIONS				
REFERENCE DRAWING(S)				

TESCOM CORPORATION
INDUSTRIAL CONTROLS DIVISION
ELK RIVER, MN USA

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UNLESS OTHERWISE SPECIFIED:
.00 ± .020 ANGLES: ±1°
.00 ± .010
.000 ± .005
SURFACE ROUGHNESS: 100/
CORNER & FILLET RADI: .005-.020
THREADS: CLASS 2
REMOVE ALL BURRS
MFG. SPEC. 60301

DRAWING MADE IN THIRD ANGLE PROJECTION
(DO NOT SCALE DRAWING)

MATERIAL:					
X					
FINISH:					
X					
DRAWN BY:		CHECKED BY:		APPROVED BY:	
WH 5-7-22		DRM 1-20-21		EJB 5-9-22	
NAME					
INSTALLATION INFORMATION					
SCALE: 1:1		SIZE	NUMBER		
CODE NO. 13669		C	54-29XXXXXXXS-09		
		SHT.	1	OF	1