



44-5800 SERIES REGULATOR

SPRING LOADED, SCREW DRIVER ADJUST
PRESSURE REDUCING REGULATOR.
WITH VAPORIZING STEAM JACKET.
NACE MR0175/ISO 15156 COMPATIBLE $\triangle 2$ $\triangle 3$

MODIFICATION FEATURES:

T-HANDLE ADJUST
316 SST BONNETS

GENERAL SPECIFICATIONS:

INLET PRESSURE: SEE TABLE V
OUTLET PRESSURE: SEE TABLE II
DESIGN PROOF PRESSURE: 150% OF RATED PRESSURE
PRESSURE RATING: PER CRITERIA OF ANSI/ASME B31.3
OPERATING TEMPERATURE: 500°F MAX.
LEAKAGE: BUBBLE TIGHT
INLET PROOF PRESSURE: SEE TABLE V
FLOW CAPACITY: SEE TABLE V
WEIGHT: APPROXIMATELY 3.1 LBS.

MATERIALS CONTACTING LINE MEDIA:

SEAT: VESPEL
DIAPHRAGM: SEE TABLE I
BODY: SEE TABLE I
REMAINING PARTS: SEE TABLE I

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: JTA101272-11

NOTES:

- $\triangle 1$ PANEL MOUNTING NUT NOT INCLUDED. ORDER SEPARATELY AS P/N 8686-1.
- $\triangle 2$ THIS PRODUCT HAS BEEN DESIGNED TO THE GUIDELINES OF NACE MR0175/ISO 15156 WITH ENVIRONMENTAL RESTRICTIONS IN THE PRESSURIZED AREAS. NON-PRESSURIZED AREAS ARE OUTSIDE THE SCOPE OF THIS NACE STANDARD.
- $\triangle 3$ THIS PRODUCT HAS BEEN DESIGNED TO THE GUIDELINES OF NACE MR0175/ISO 15156 IN THE PRESSURIZED AREAS. NON-PRESSURIZED AREAS ARE OUTSIDE THE SCOPE OF THIS NACE STANDARD.

SERIES NUMBER
44-5861-2415-053
STEAM
MODIFICATION NUMBER

TABLE I	DASH NO.	BODY MATERIAL	DIAPHRAGM	SPRING	REMAINING PARTS
	6/2	316 SST	ELGILOY	ELGILOY	316 SST
	9/3	MONEL	ELGILOY	ELGILOY	MONEL

TABLE II	DASH NO.	OUTLET PRESSURE	STAMP BODY	PROOF PRESSURE
	0	0-25 PSI	25	150%
	1	0-50 PSI	50	
	2	0-100 PSI	100	
	3	0-250 PSI	250	
	4	0-500 PSI	500	

TABLE IV	DASH NO.	INLET PRESSURE	PROOF PRESSURE	FLOW CAPACITY
	1	6000	9000	Cv=.02

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

TABLE III	DASH NO.	INLET & OUTLET PORT TYPE
	2	NPT

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		<p>FINISH: λ</p>	
<p>DRAWN BY: DLH 5-22-15</p>		<p>CHECKED BY:</p>	
<p>APPROVED BY:</p>		<p>NAME</p>	
<p>SCALE: 1 : 1</p>		<p>SIZE NUMBER 44-58XX-2XXS-053</p>	
<p>CODE NO. 13669</p>		<p>SHT. 1 OF 1</p>	

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