

ROLL STAMP PER STAMPING DETAIL AND TABLE.

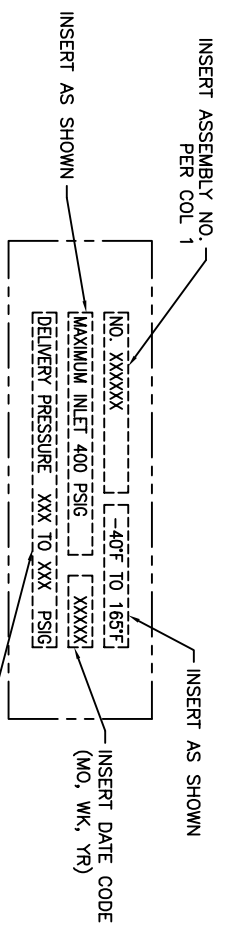
POSITION VENT HOLE IN RELATION TO INLET AS SHOWN.

TORQUE TO 50-60 IN-LB [5.7-6.8 N-m] (SEE NOTE 5)

(1/4 NPT, BOTH SIDES)

SEE NOTE 6
TORQUE TO 30 FT-LB [41 N-m]

INLET (3/4 NPT, BOTH ENDS)



NOTE: ROLL STAMP BONNET TO READ WITH ADJUSTING SCREW POINTING DOWN. (ALL CHARACTERS .125 HIGH)

STAMPING DETAIL

COL 1	COL 2
ASSEMBLY NO.	DELIVERY PRESSURE
1786A	5-55 PSIG [0.3-3.8 BAR]
1786B	40-110 PSIG [2.8-7.6 BAR]
1786C	100-200 PSIG [6.9-13.8 BAR]

- NOTES:
- DIMENSIONS ARE APPROXIMATE. INCH-[MM]
 - FOR OXYGEN SERVICE, CLEAN ITEMS 9-11 & 13-17 PER CGA G-4.1.
 - CLEAN ITEM 12 PER THAT DRAWING.
 - ASSEMBLE IN CLEAN AREA.
 - SCREWS SHOULD BE TIGHTENED IN A CIRCROSS PATTERN FOR EVEN LOADING.
 - APPLY SPARKINGLY, KRYTOX COMPOUND TO POINT AND FIRST FEW THREADS OF ADJUSTING SCREW, AND TO ALL O-RINGS AND TO BACK CAP'S BORE (SIDE AND BOTTOM).
 - TEST PER BR-1780-100.
 - INSTALL PLASTIC PLUGS AND PUT REGULATOR & CGA-4.1 CLEAN LABEL IN BAG AND SEAL.

18	1	INSTRUCTION SHEET	
17	1	SPRING	STAINLESS STEEL
16	1	O-RING	VITON
15	1	BACK CAP	BRASS
14	1	SEAL	PTFE (TEFLON)
13	1	BODY	BRASS
12	1	SEAT DISC ASSEMBLY	BRASS/VITON
11	1	BUTTON	BRASS
10	1	DIAPHRAGM LINER	PTFE (TEFLON)
9	1	DIAPHRAGM	BUNA-N (NITRILE)
8	1	DIAPHRAGM PLATE	BRASS
7	1	SPRING	STAINLESS STEEL
6	1	SPRING BUTTON	BRASS
5	1	BONNET	ALUM/NI PLATE
4	1	LOCK NUT	STAINLESS STEEL
3	1	ADJUSTING SCREW	BRASS/SSTL
2	2	PIPE PLUG	BRASS
1	6	SCREW	STAINLESS STEEL

ITEM	QTY.	DESCRIPTION	MATERIAL
DRAWN	T. TICKLE	ENGINEER	D. WILLIAMS
CHECKED	D. WILLIAMS	APPROVED	J. OLSEN
ORIGINAL DATE	2-05-02	PILOT REVISIONS	02-15-02
REVISIONS	2-05-02	A	ISSUED

UNLESS SPECIFIED:	OTHERWISE SPECIFIED:
2 PL. DES. ± .015	3 PL. DES. ± .010
3 PL. DES. ± .005	4 PL. DES. ± .003
4 PL. DES. ± .003	5 PL. DES. ± .002
5 PL. DES. ± .002	6 PL. DES. ± .001
6 PL. DES. ± .001	7 PL. DES. ± .0005
7 PL. DES. ± .0005	8 PL. DES. ± .0002
8 PL. DES. ± .0002	9 PL. DES. ± .0001
9 PL. DES. ± .0001	10 PL. DES. ± .00005
10 PL. DES. ± .00005	11 PL. DES. ± .00002
11 PL. DES. ± .00002	12 PL. DES. ± .00001
12 PL. DES. ± .00001	13 PL. DES. ± .000005
13 PL. DES. ± .000005	14 PL. DES. ± .000002
14 PL. DES. ± .000002	15 PL. DES. ± .000001
15 PL. DES. ± .000001	16 PL. DES. ± .0000005
16 PL. DES. ± .0000005	17 PL. DES. ± .0000002
17 PL. DES. ± .0000002	18 PL. DES. ± .0000001
18 PL. DES. ± .0000001	19 PL. DES. ± .00000005
19 PL. DES. ± .00000005	20 PL. DES. ± .00000002
20 PL. DES. ± .00000002	21 PL. DES. ± .00000001
21 PL. DES. ± .00000001	22 PL. DES. ± .000000005
22 PL. DES. ± .000000005	23 PL. DES. ± .000000002
23 PL. DES. ± .000000002	24 PL. DES. ± .000000001
24 PL. DES. ± .000000001	25 PL. DES. ± .0000000005
25 PL. DES. ± .0000000005	26 PL. DES. ± .0000000002
26 PL. DES. ± .0000000002	27 PL. DES. ± .0000000001
27 PL. DES. ± .0000000001	28 PL. DES. ± .00000000005
28 PL. DES. ± .00000000005	29 PL. DES. ± .00000000002
29 PL. DES. ± .00000000002	30 PL. DES. ± .00000000001
30 PL. DES. ± .00000000001	31 PL. DES. ± .000000000005
31 PL. DES. ± .000000000005	32 PL. DES. ± .000000000002
32 PL. DES. ± .000000000002	33 PL. DES. ± .000000000001
33 PL. DES. ± .000000000001	34 PL. DES. ± .0000000000005
34 PL. DES. ± .0000000000005	35 PL. DES. ± .0000000000002
35 PL. DES. ± .0000000000002	36 PL. DES. ± .0000000000001
36 PL. DES. ± .0000000000001	37 PL. DES. ± .00000000000005
37 PL. DES. ± .00000000000005	38 PL. DES. ± .00000000000002
38 PL. DES. ± .00000000000002	39 PL. DES. ± .00000000000001
39 PL. DES. ± .00000000000001	40 PL. DES. ± .000000000000005
40 PL. DES. ± .000000000000005	41 PL. DES. ± .000000000000002
41 PL. DES. ± .000000000000002	42 PL. DES. ± .000000000000001
42 PL. DES. ± .000000000000001	43 PL. DES. ± .0000000000000005
43 PL. DES. ± .0000000000000005	44 PL. DES. ± .0000000000000002
44 PL. DES. ± .0000000000000002	45 PL. DES. ± .0000000000000001
45 PL. DES. ± .0000000000000001	46 PL. DES. ± .00000000000000005
46 PL. DES. ± .00000000000000005	47 PL. DES. ± .00000000000000002
47 PL. DES. ± .00000000000000002	48 PL. DES. ± .00000000000000001
48 PL. DES. ± .00000000000000001	49 PL. DES. ± .000000000000000005
49 PL. DES. ± .000000000000000005	50 PL. DES. ± .000000000000000002
50 PL. DES. ± .000000000000000002	51 PL. DES. ± .000000000000000001
51 PL. DES. ± .000000000000000001	52 PL. DES. ± .0000000000000000005
52 PL. DES. ± .0000000000000000005	53 PL. DES. ± .0000000000000000002
53 PL. DES. ± .0000000000000000002	54 PL. DES. ± .0000000000000000001
54 PL. DES. ± .0000000000000000001	55 PL. DES. ± .00000000000000000005
55 PL. DES. ± .00000000000000000005	56 PL. DES. ± .00000000000000000002
56 PL. DES. ± .00000000000000000002	57 PL. DES. ± .00000000000000000001
57 PL. DES. ± .00000000000000000001	58 PL. DES. ± .000000000000000000005
58 PL. DES. ± .000000000000000000005	59 PL. DES. ± .000000000000000000002
59 PL. DES. ± .000000000000000000002	60 PL. DES. ± .000000000000000000001
60 PL. DES. ± .000000000000000000001	61 PL. DES. ± .0000000000000000000005
61 PL. DES. ± .0000000000000000000005	62 PL. DES. ± .0000000000000000000002
62 PL. DES. ± .0000000000000000000002	63 PL. DES. ± .0000000000000000000001
63 PL. DES. ± .0000000000000000000001	64 PL. DES. ± .00000000000000000000005
64 PL. DES. ± .00000000000000000000005	65 PL. DES. ± .00000000000000000000002
65 PL. DES. ± .00000000000000000000002	66 PL. DES. ± .00000000000000000000001
66 PL. DES. ± .00000000000000000000001	67 PL. DES. ± .000000000000000000000005
67 PL. DES. ± .000000000000000000000005	68 PL. DES. ± .000000000000000000000002
68 PL. DES. ± .000000000000000000000002	69 PL. DES. ± .000000000000000000000001
69 PL. DES. ± .000000000000000000000001	70 PL. DES. ± .0000000000000000000000005
70 PL. DES. ± .0000000000000000000000005	71 PL. DES. ± .0000000000000000000000002
71 PL. DES. ± .0000000000000000000000002	72 PL. DES. ± .0000000000000000000000001
72 PL. DES. ± .0000000000000000000000001	73 PL. DES. ± .00000000000000000000000005
73 PL. DES. ± .00000000000000000000000005	74 PL. DES. ± .00000000000000000000000002
74 PL. DES. ± .00000000000000000000000002	75 PL. DES. ± .00000000000000000000000001
75 PL. DES. ± .00000000000000000000000001	76 PL. DES. ± .000000000000000000000000005
76 PL. DES. ± .000000000000000000000000005	77 PL. DES. ± .000000000000000000000000002
77 PL. DES. ± .000000000000000000000000002	78 PL. DES. ± .000000000000000000000000001
78 PL. DES. ± .000000000000000000000000001	79 PL. DES. ± .0000000000000000000000000005
79 PL. DES. ± .0000000000000000000000000005	80 PL. DES. ± .0000000000000000000000000002
80 PL. DES. ± .0000000000000000000000000002	81 PL. DES. ± .0000000000000000000000000001
81 PL. DES. ± .0000000000000000000000000001	82 PL. DES. ± .00000000000000000000000000005
82 PL. DES. ± .00000000000000000000000000005	83 PL. DES. ± .00000000000000000000000000002
83 PL. DES. ± .00000000000000000000000000002	84 PL. DES. ± .00000000000000000000000000001
84 PL. DES. ± .00000000000000000000000000001	85 PL. DES. ± .000000000000000000000000000005
85 PL. DES. ± .000000000000000000000000000005	86 PL. DES. ± .000000000000000000000000000002
86 PL. DES. ± .000000000000000000000000000002	87 PL. DES. ± .000000000000000000000000000001
87 PL. DES. ± .000000000000000000000000000001	88 PL. DES. ± .0000000000000000000000000000005
88 PL. DES. ± .0000000000000000000000000000005	89 PL. DES. ± .0000000000000000000000000000002
89 PL. DES. ± .0000000000000000000000000000002	90 PL. DES. ± .0000000000000000000000000000001
90 PL. DES. ± .0000000000000000000000000000001	91 PL. DES. ± .00000000000000000000000000000005
91 PL. DES. ± .00000000000000000000000000000005	92 PL. DES. ± .00000000000000000000000000000002
92 PL. DES. ± .00000000000000000000000000000002	93 PL. DES. ± .00000000000000000000000000000001
93 PL. DES. ± .00000000000000000000000000000001	94 PL. DES. ± .000000000000000000000000000000005
94 PL. DES. ± .000000000000000000000000000000005	95 PL. DES. ± .000000000000000000000000000000002
95 PL. DES. ± .000000000000000000000000000000002	96 PL. DES. ± .000000000000000000000000000000001
96 PL. DES. ± .000000000000000000000000000000001	97 PL. DES. ± .0000000000000000000000000000000005
97 PL. DES. ± .0000000000000000000000000000000005	98 PL. DES. ± .0000000000000000000000000000000002
98 PL. DES. ± .0000000000000000000000000000000002	99 PL. DES. ± .0000000000000000000000000000000001
99 PL. DES. ± .0000000000000000000000000000000001	100 PL. DES. ± .00000000000000000000000000000000005
100 PL. DES. ± .00000000000000000000000000000000005	101 PL. DES. ± .00000000000000000000000000000000002
101 PL. DES. ± .00000000000000000000000000000000002	102 PL. DES. ± .00000000000000000000000000000000001
102 PL. DES. ± .00000000000000000000000000000000001	103 PL. DES. ± .000000000000000000000000000000000005
103 PL. DES. ± .000000000000000000000000000000000005	104 PL. DES. ± .000000000000000000000000000000000002
104 PL. DES. ± .000000000000000000000000000000000002	105 PL. DES. ± .000000000000000000000000000000000001
105 PL. DES. ± .000000000000000000000000000000000001	106 PL. DES. ± .0000000000000000000000000000000000005
106 PL. DES. ± .0000000000000000000000000000000000005	107 PL. DES. ± .0000000000000000000000000000000000002
107 PL. DES. ± .0000000000000000000000000000000000002	108 PL. DES. ± .0000000000000000000000000000000000001
108 PL. DES. ± .0000000000000000000000000000000000001	109 PL. DES. ± .00000000000000000000000000000000000005
109 PL. DES. ± .00000000000000000000000000000000000005	110 PL. DES. ± .00000000000000000000000000000000000002
110 PL. DES. ± .00000000000000000000000000000000000002	111 PL. DES. ± .00000000000000000000000000000000000001
111 PL. DES. ± .00000000000000000000000000000000000001	112 PL. DES. ± .000000000000000000000000000000000000005
112 PL. DES. ± .000000000000000000000000000000000000005	113 PL. DES. ± .000000000000000000000000000000000000002
113 PL. DES. ± .000000000000000000000000000000000000002	114 PL. DES. ± .000000000000000000000000000000000000001
114 PL. DES. ± .000000000000000000000000000000000000001	115 PL. DES. ± .0000000000000000000000000000000000000005
115 PL. DES. ± .0000000000000000000000000000000000000005	116 PL. DES. ± .0000000000000000000000000000000000000002
116 PL. DES. ± .0000000000000000000000000000000000000002	117 PL. DES. ± .0000000000000000000000000000000000000001
117 PL. DES. ± .0000000000000000000000000000000000000001	118 PL. DES. ± .005
118 PL. DES. ± .005	119 PL. DES. ± .002
119 PL. DES. ± .002	120 PL. DES. ± .001
120 PL. DES. ± .001	121 PL. DES. ± .0005
121 PL. DES. ± .0005	122 PL. DES. ± .0002
122 PL. DES. ± .0002	123 PL. DES. ± .0001
123 PL. DES. ± .0001	124 PL. DES. ± .005
124 PL. DES. ± .005	125 PL. DES. ± .002
125 PL. DES. ± .002	126 PL. DES. ± .001
126 PL. DES. ± .001	127 PL. DES. ± .0005