



COL 1	COL 2
ASSEMBLY NO.	DELIVERY PRESSURE
BR-1788A	5-55 PSIG [0.3-3.8 BAR]
BR-1788B	40-110 PSIG [2.8-7.6 BAR]
BR-1788C	100-200 PSIG [6.9-13.8 BAR]

- NOTES:
1. DIMENSIONS ARE APPROXIMATE. INCH-[MM]
 2. FOR OXYGEN SERVICE, CLEAN ITEMS 1 THRU 17 PER CGA G-4.1.
 3. ASSEMBLE IN CLEAN AREA.
 4. INSTALL FLANGE SCREWS WITH 5.7-6.8 N-m TORQUE. SCREWS SHOULD BE TIGHTENED IN A CIRCROSS PATTERN FOR EVEN LOADING.
 5. APPLY SPRINGLY, 11550-698 COMPOUND TO POINT AND FIRST FEW THREADS OF ADJ. SCREW, TO ALL O-RINGS AND TO BACKCAP'S BORE (SIDE AND BOTTOM).
 6. TEST PER BR-1780-100.
 7. INSTALL PLASTIC PLUGS AND PUT REGULATOR & CGA-4.1 CLEAN LABEL IN BAG AND SEAL.
 8. STAMP MO, WK, YR ON BOTTOM OF BACK CAP PRIOR TO ASSEMBLY.

ITEM	QTY.	DESCRIPTION	MATERIAL
20	1	INSTRUCTION SHEET	
19	1	LABEL	MYLAR/ADHESIVE
18	1	BONNET CAP	BRASS
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	BUA-N (NITRILE)
8	1	DIAPHRAGM PLATE	BRASS
7	1	SPRING	STAINLESS STEEL
6	1	SPRING BUTTON	BRASS
5	1	BONNET	BRONZE
4	1	LOCK NUT	STAINLESS STEEL
3	1	ADJUSTING SCREW	STAINLESS STEEL
2	2	PIPE PLUG	BRASS
1	8	SCREW	STAINLESS STEEL

DATE	BY	DESCRIPTION
2-05-02	D. WILLIAMS	DESIGN
02-15-02	J. OLSEN	APPROVED

CHECKED: D. WILLIAMS
 ORIGINAL DATE: 2-05-02
 PLOT GENERATED: 02-15-02
 ENGINEER: D. WILLIAMS
 APPROVED: J. OLSEN

UNLESS SPECIFIED:
 2 PL. DEC. ± 0.005
 3 PL. DEC. ± 0.003
 4 PL. DEC. ± 0.002
 CONCENTRICITY 0.10 MM
 SURFACE FINISH 125 μm
 SHARP EDGES R0.15 MAX
 INTERPRET DIMENSIONS & TOLERANCES TO THIS DRAWING
 DATE 11-28-1994

TITLE: REGULATOR, FINAL LINE BALANCED SEAT (1 NPT)
 DRAWING NO. BR-1788 SER (MATL)
 DWG SIZE: C