



COL 1	COL 2
ASSEMBLY NO.	DELIVERY PRESSURE
BR-1784AE	5-55 PSIG [0.3-3.8 BAR]
BR-1784BE	40-110 PSIG [2.8-7.6 BAR]
BR-1784CE	100-200 PSIG [6.9-13.8 BAR]

- NOTES:
- DIMENSIONS ARE APPROXIMATE. INCH-[MM]
 - CLEAN ITEMS 9-11 & 13-16 PER CGA G-4.1.
 - ASSEMBLE IN CLEAN AREA.
 - SCREWS SHOULD BE TIGHTENED IN A CRISSCROSS PATTERN FOR EVEN LOADING.
 - APPLY SPARINGLY 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).
 - STAMP [MO, WK, YR] ON BOTTOM OF BACKCAP PRIOR TO ASSEMBLY.
 - TEST PER BR-1780-100.
 - INSTALL PLASTIC PLUGS AND PUT REGULATOR & CGA-4.1 CLEAN LABEL IN BAG AND SEAL.

ITEM	QTY.	DESCRIPTION	MATERIAL
19	1	INSTRUCTION SHEET	
18	1	LABEL	MYLAR/ADHESIVE
17	1	BONNET CAP	BRASS
16	1	SPRING	STAINLESS STEEL
15	1	BACK CAP	BRASS
14	1	SEAL	PTFE (TEFLON)
13	1	BODY	BRASS
12	1	SEAT DISC ASSEMBLY	BRASS/EPDM
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	BRONZE
4	1	LOCK NUT	STAINLESS STEEL
3	1	ADJUSTING SCREW	STAINLESS STEEL
2	2	PIPE PLUG	BRASS
1	6	SCREW	STAINLESS STEEL

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

ENGINEER: D. WILLIAMS
APPROVED: J. OLSEN

UNLESS SPECIFIED: 2 PL. DEC. ±.0005 ANGLES ±.1°

CONCENTRICITY .010 IN. MAX. SHARP EDGES R0.15 MAX. INTERPRET DIMENSIONS & ASSEY Y13.5M, 1994

SCALE: (1:1)

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TITLE: REGULATOR, FINAL LINE BALANCED SEAT, (1/2 NPT)

DRAWING NO. BR-1784XE (MATL)

OWN SIZE

ⓐ-CHANGES ⓑ-GAGES