



COL 1	COL 2
ASSEMBLY NO.	DELIVERY PRESSURE
BR-1786AE	5-55 PSIG [0.3-3.8 BAR]
BR-1786BE	40-110 PSIG [2.8-7.6 BAR]
BR-1786CE	100-200 PSIG [6.9-13.8 BAR]

- NOTES:
- DIMENSIONS ARE APPROXIMATE. INCH-[MM]
 - CLEAN ITEMS 1 THRU 17
 - PER CGA G-4.1.
 - ASSEMBLY IN CLEAN AREA.
 - INSTALL FLANGE SCREWS WITH 5.7-6.8 N-m TORQUE. SCREWS SHOULD BE TIGHTENED IN A CRISSCROSS PATTERN FOR EVEN LOADING.
 - APPLY SPARKINGLY, KRYTOX COMPOUND TO POINT AND FIRST FEW THREADS OF ADJ. SCREW, TO ALL O-RINGS AND TO BACKCAP'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.
 - STAMP NO. 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	EPDM
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	8	SCREW	STAINLESS STEEL

REVISIONS	DATE	BY	DESCRIPTION
A	2-05-02	ISSUED	
	2-05-02	WILLIAMS	PLUG REVISIONS
	02-15-02	J. OLSEN	OTHERWISE SPECIFIED

ENGINEER: D. WILLIAMS
 APPROVED: J. OLSEN

REGO CRYO-FLOW PRODUCTS
 BURLINGTON, N.C. 27215

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TITLE: REGULATOR, FINAL LINE BALANCED SEAT (3/4 NPT)

DRAWING NO. BR-1786XE (MATL.)

SCALE (1:1)

DATE: 11/25/1994

INTERPRET DIMENSIONS & ASSEMBLY INSTRUCTIONS TO THIS DRAWING.

CONCENTRICITY: 0.10 MM
 SURFACE FINISH: 320
 REPAIR: PER 123.456
 SHARP EDGES: R0.15 MAX
 UNLESS OTHERWISE SPECIFIED

2 PL. DES. 3.015
 3 PL. DES. 3.005
 4 PL. DES. 3.000
 5 PL. DES. 2.995
 6 PL. DES. 2.990

DATE: 11/25/1994

SCALE: (1:1)

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