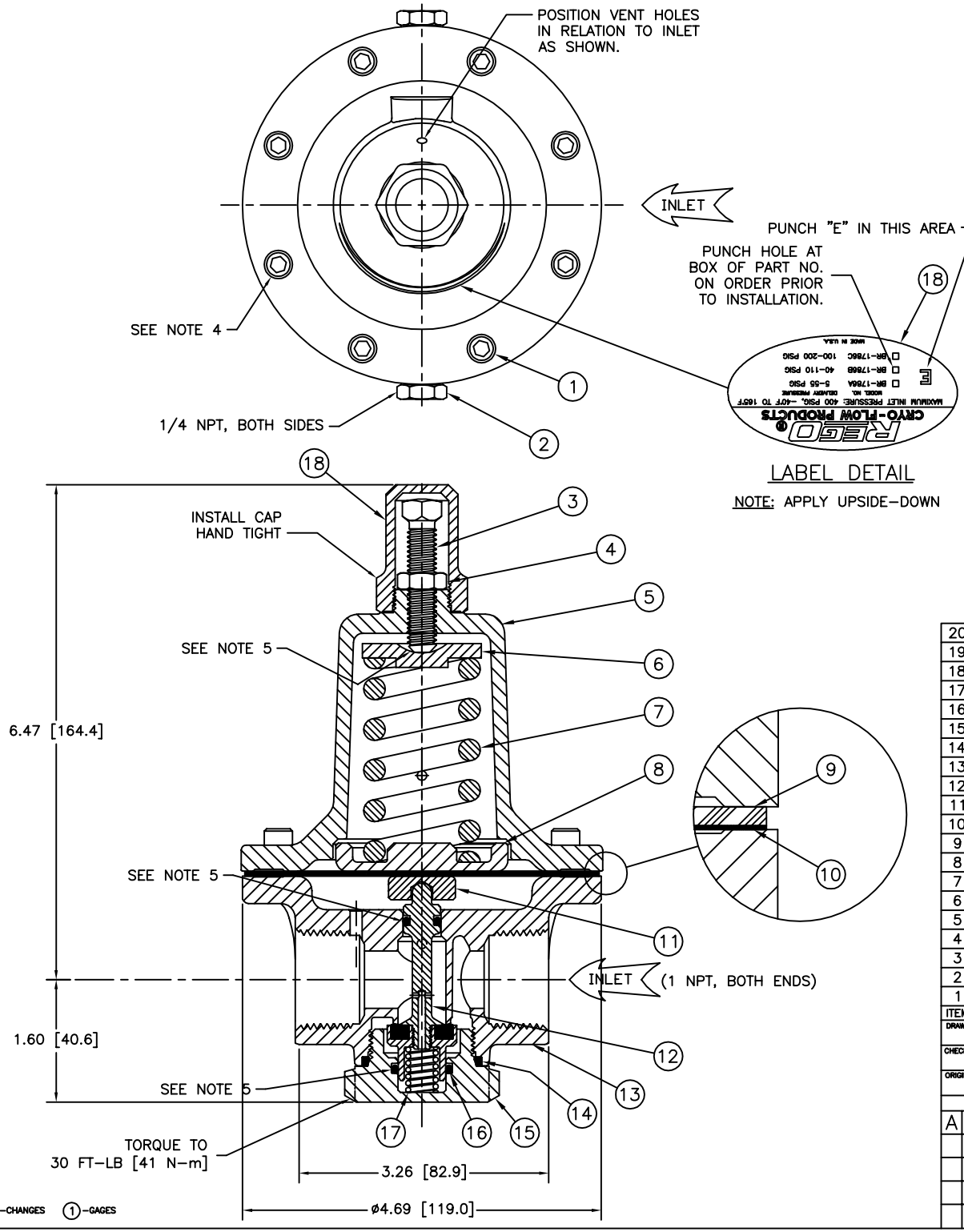

LABEL DETAIL

NOTE: APPLY UPSIDE-DOWN

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

NOTES:
1. DIMENSIONS ARE APPROXIMATE. INCH-[MM]
2. 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 CRISSCROSS PATTERN FOR EVEN LOADING.
5. APPLY SPARINGLY, 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	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

DRAWN: T. TICKLE	ENGINEER: D. WILLIAMS	REGO® CRYO-FLOW PRODUCTS	
CHECKED: D. WILLIAMS	APPROVED: J. OLSEN	BURLINGTON, N.C. 27215	
ORIGINAL DATE: 2-05-02	PLOT GENERATED: 02-15-02		
REVISIONS: A 2-05-02 ISSUED		UNLESS OTHERWISE SPECIFIED: ▼ ± .015; 2 PL. DEC. ± .02; 3 PL. DEC. ± .005; 4 PL. DEC. ± .0005; ANGLES ± 1°; CONCENTRICITY .010 FIM; FINISH 125 MAX; REMOVE BURRS, BREAK SHARP EDGES R.015 MAX; INTERPRET DIMENSIONS & TOLERANCES IAW ASME Y14.5M-1994	THIS DRAWING IS ECH PROPRIETARY INFORMATION ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED
		SCALE (1:1)	TITLE: REGULATOR, FINAL LINE BALANCED SEAT (1 NPT)
			DRAWING NO. BR-1788XE (MATL) DWG SIZE C