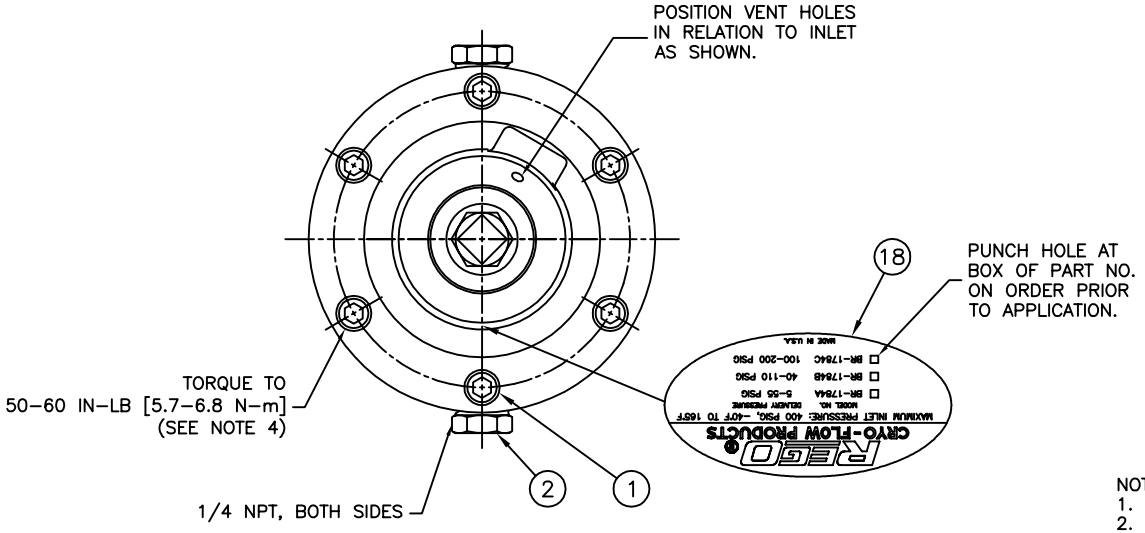
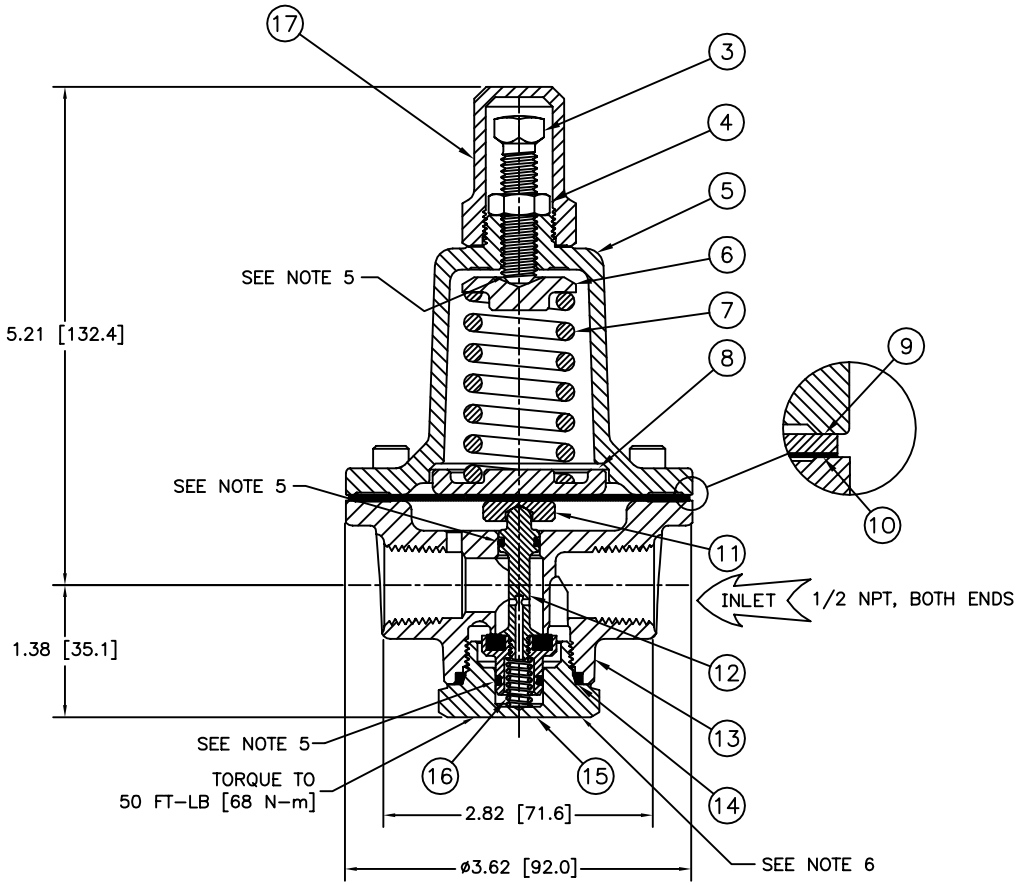


COL 1	COL 2
ASSEMBLY NO.	DELIVERY PRESSURE
BR–1784A	5–55 PSIG [0.3–3.8 BAR]
BR–1784B	40–110 PSIG [2.8–7.6 BAR]
BR–1784C	100–200 PSIG [6.9–13.8 BAR]

NOTES:
1. DIMENSIONS ARE APPROXIMATE. INCH–[MM]
2. FOR OXYGEN SERVICE, CLEAN ITEMS 9–11 & 13–16 PER CGA G–4.1.
3. ASSEMBLE IN CLEAN AREA.
4. SCREWS SHOULD BE TIGHTENED IN A CRISSCROSS PATTERN FOR EVEN LOADING.
5. 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).
6. STAMP [MO,WK,YR] ON BOTTOM OF BACKCAP PRIOR TO ASSEMBLY.
7. TEST PER BR–1780–100.
8. 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/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	BRONZE
4	1	LOCK NUT	STAINLESS STEEL
3	1	ADJUSTING SCREW	STAINLESS STEEL
2	2	PIPE PLUG	BRASS
1	6	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	UNLESS OTHERWISE SPECIFIED: ▼ ± .015, 2 PL. DEC. ± .02, 3 PL. DEC. ± .005, 4 PL. DEC. ± .0005, ANGLES ± 1°	THIS DRAWING IS ECN PROPRIETARY INFORMATION ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED
REVISIONS		CONCENTRICITY .010 FIM FINISH 125 MAX REMOVE BURRS, BREAK SHARP EDGES R.015 MAX	TITLE: REGULATOR, FINAL LINE BALANCED SEAT, (1/2 NPT)
A 2–05–02 ISSUED		INTERPRET DIMENSIONS & TOLERANCES IAW ASME Y14.5M–1994	DRAWING NO. BR–1784 SER (MATL)
		SCALE (1:1)	DWG SIZE C

Ⓐ–CHANGES ①–GAGES