



COL 1	COL 2
ASSEMBLY NO.	DELIVERY PRESSURE
BR-1786A	5-55 PSIG [0.3-3.8 BAR]
BR-1786B	40-110 PSIG [2.8-7.6 BAR]
BR-1786C	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 CRISSCROSS PATTERN FOR EVEN LOADING.
  5. 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).
  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	REVISIONS	ENGINEER	DESCRIPTION
2-05-02		D WILLIAMS	REGO CRYO-FLOW PRODUCTS
02-15-02		J OLSEN	BURLINGTON, N.C. 27215

UNLESS SPECIFIED: 2 PL. DES. ± 0.05 ANGLES ± 0.005 CONCENTRICITY 0.10 PM REPAIR PER 125 MIL WK SHARP EDGES R0.15 MAX INTERPRET DIMENSIONS & ASSEY 114.5M-1994

OTHERWISE SPECIFIED: THIS DRAWING IS ECR PROPRIETARY AND INFORMATION ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED

SCALE (1:1)

DRAWING NO. BR-1786 SER (MATL)

OWNERS