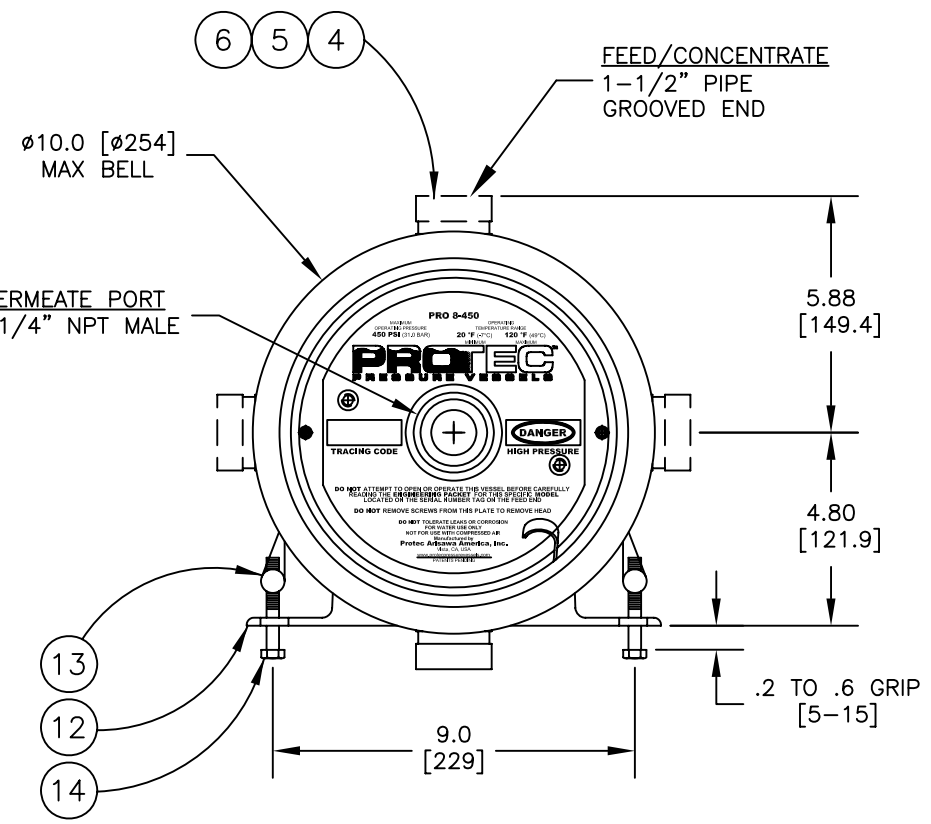
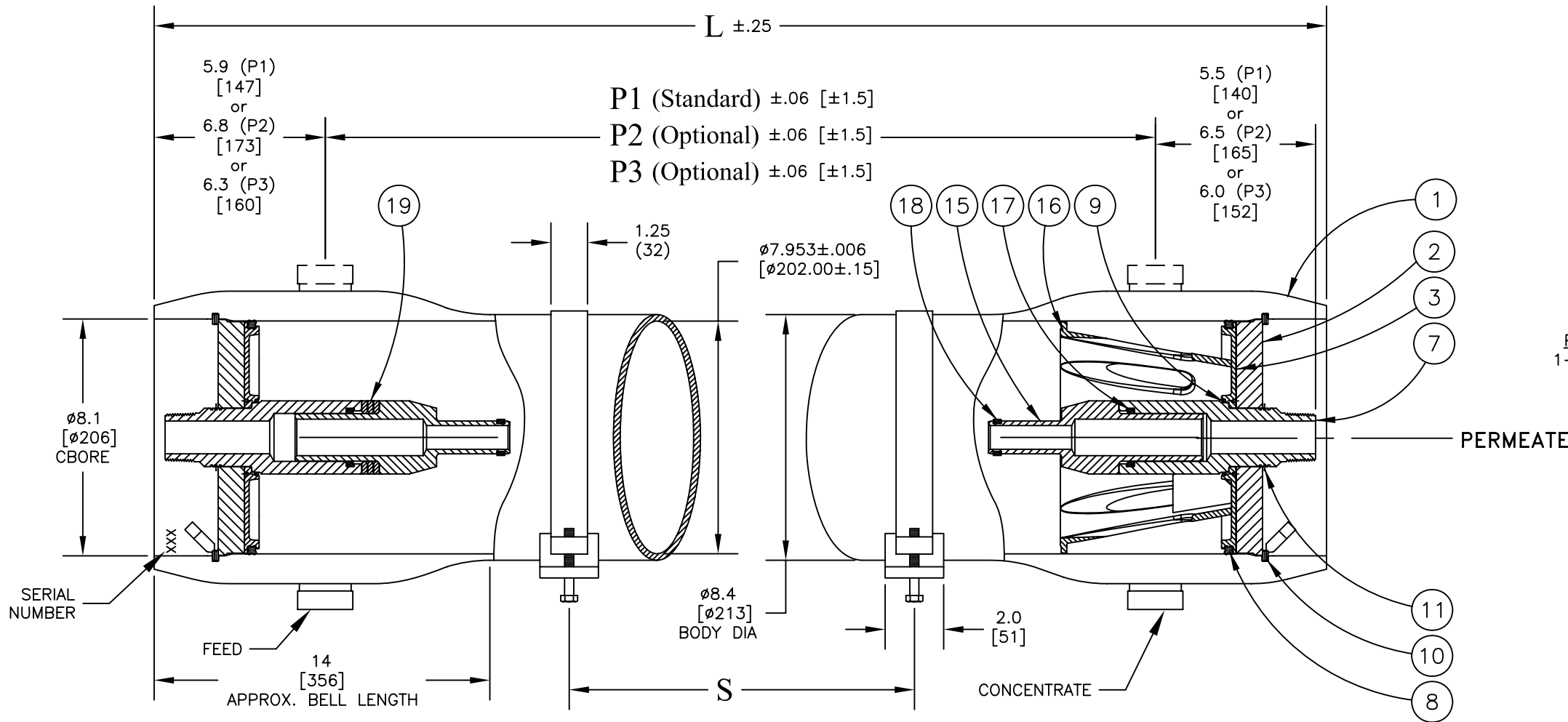


Design Pressure = 450 PSI @ 120 °F  
 Min. Design Temperature = 20 °F @ 450 PSI  
 Hydrotest Pressure = 495 PSI

**450 PSI**  
**SIDE PORT**



NOTE: STANDARD PARTS ARE SHOWN FOR REFERENCE ONLY  
 CHECK ORIGINAL ORDER FOR ORDERING SPARE PARTS

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080020	Shell	Filament Wound, Epoxy FRP
2	2	4080030	Bearing Plate	6061-T6 Aluminum, SB-221, Anodized
3	2	4080177-3	Sealing Plate	Noryl GFN2
4	2	4080250	Feed/Concentrate Port, 1-1/2", "D"	Stainless Steel, 316, SA-312
5	4	6121187	Retaining Ring, F/C Port, 1-1/2", "D"	Stainless Steel, 316, SA-479
6	2	6184604-N	O-Ring Seal, F/C Port, 1-1/2", "D"	Ethylene Propylene
7	2	4080309	Permeate Port	Noryl GFN2
8	2	6100442MK	Head Seal	Ethylene Propylene
9	2	6110229-N	Permeate Port Seal	Ethylene Propylene
10	2	4080320	Retaining Ring w/ Finger Pull	Stainless Steel, 316, SA-479
11	2	6121200	Retaining Ring, Permeate Port	Stainless Steel, 316
12	2*	4080174	Support Saddle	Thermoplastic Rubber
13	2	4080137	Strap Assembly	Stainless Steel, 316L
14	4	6150001	Strap Screw	Stainless Steel, 18-8
15	2	A/R	Adapter	Thermoplastic
16	1	4080165-1	Thrust Cone	PVC Thermoplastic
17	2	6110326-N	Adapter Seal	Ethylene Propylene
18	A/R	A/R	PWT Seal	Ethylene Propylene
19	3	4080062-4	Shim, Adapter	Noryl GFN2

\*3 each with shell lengths -4 and longer.

Shell Length Code	L inch (mm)	P1 Standard inch (mm)	P2 Optional inch (mm)	P3 Optional inch (mm)	S Span in (mm)	Empty Weight lb (kg)
-1	58.7 (1490.98)	47 (1193.80)	45 (1143.00)	46 (1168.40)	1 @ 28 (711.20)	76 (35)
-1.5	78.7 (1998.98)	67 (1701.80)	65 (1651.00)	66 (1676.40)	1 @ 42 (1066.80)	88 (40)
-2	98.7 (2506.98)	87 (2209.80)	85 (2159.00)	86 (2184.40)	1 @ 56 (1422.40)	99 (45)
-3	138.7 (3522.98)	127 (3225.80)	125 (3175.00)	126 (3200.40)	1 @ 80 (2032.00)	122 (55)
-4	178.7 (4538.98)	167 (4241.80)	165 (4191.00)	166 (4216.40)	2 @ 64 (1625.60)	145 (66)
-5	218.7 (5554.98)	207 (5257.80)	205 (5207.00)	206 (5232.40)	2 @ 78 (1981.20)	168 (76)
-6	258.7 (6570.98)	247 (6273.80)	245 (6223.00)	246 (6248.40)	2 @ 92 (2336.80)	191 (87)
-7	298.7 (7586.98)	287 (7289.80)	285 (7239.00)	286 (7264.40)	2 @ 106 (2692.40)	214 (97)
-7.5	318.7 (8094.98)	307 (7797.80)	305 (7747.00)	306 (7772.40)	2 @ 114 (2895.60)	226 (103)
-8	338.7 (8602.98)	327 (8305.80)	325 (8255.00)	326 (8280.40)	2 @ 120 (3048.00)	237 (108)

**NOTES:**  
 DIMENSIONS IN INCHES (MM APPROX.)  
 FOR REFERENCE ONLY, NOT FOR CONSTRUCTION UNLESS CERTIFIED  
 SHIMMING OF THE SADDLES MAY BE REQUIRED  
 CENTER VESSEL ON 2 OR 3 SUPPORTS AT SPAN(S) "S".  
 INCORRECT MANIFOLDING WILL CAUSE SEVERE LOCAL STRESS AROUND PORT AND MAY RESULT IN LEAKS AND PREMATURE FAILURE. TAKE EVERY PRECAUTION LISTED IN THE ENGINEERING PACKET OR USERS MANUAL.  
 INTERNAL PERMEATE PRESSURE MUST NOT EXCEED 125 PSI.  
 ASME SECTION X, 2010  
 RP CODE STAMP OPTIONAL  
 SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



**PRO 8-450-SP**

APPROVED AP 12/1/00	ECO	REVISED 4/28/11	DRAWING 101003	REV U
CHECKED AP 12/1/00				
DRAWN AP 12/1/00	10119			