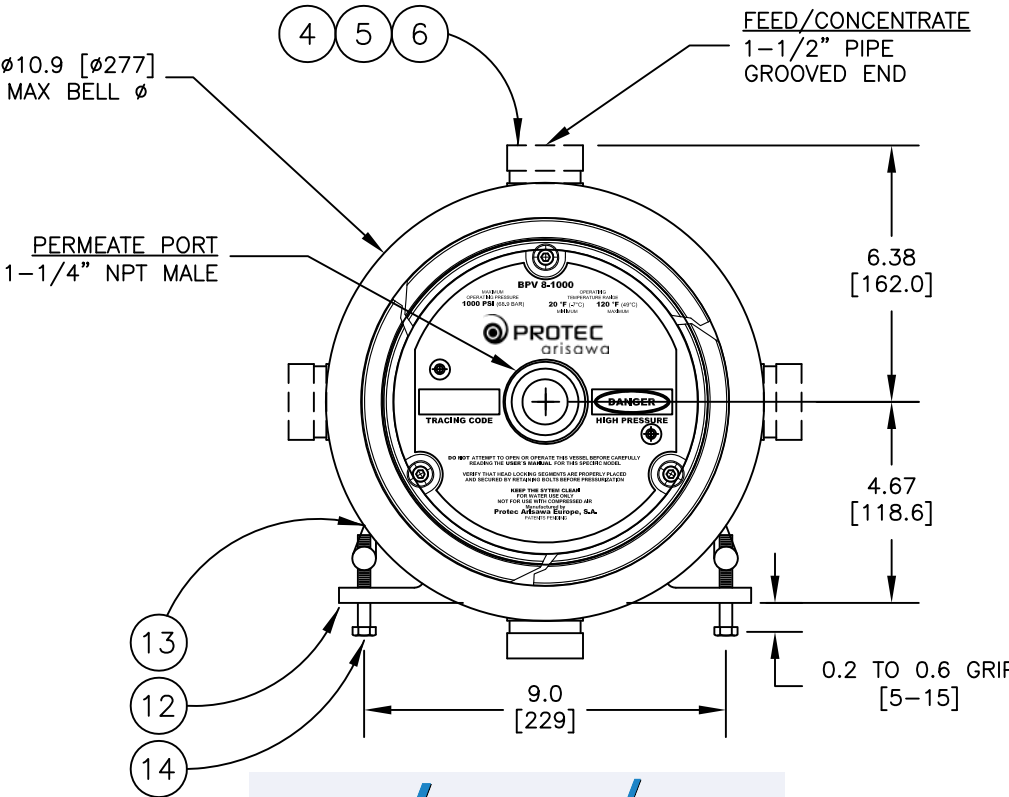
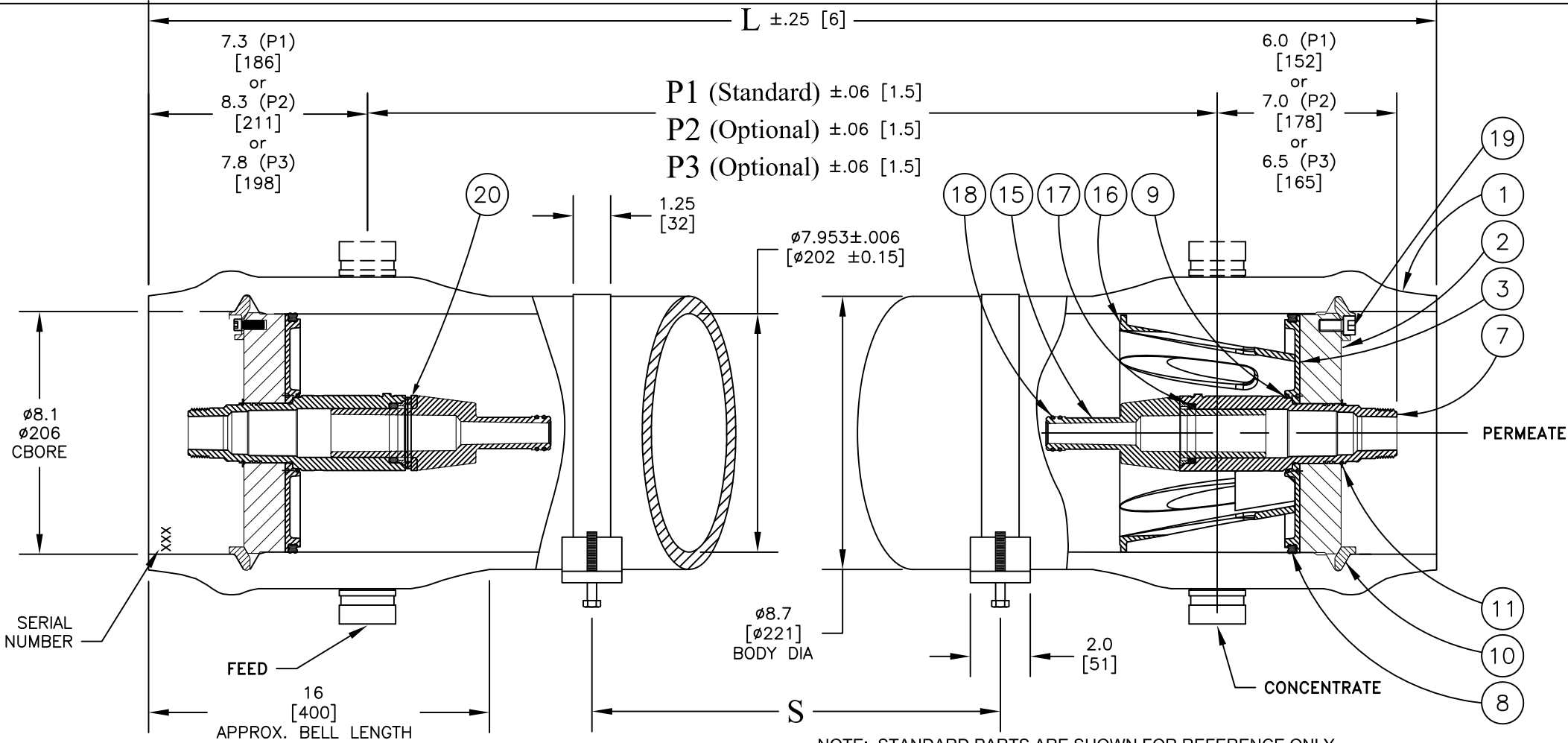


Design Pressure = 1000 PSI @ 120 °F
Min. Design Temperature = 20 °F @ 1000 PSI
Hydrotest Pressure = 1100 PSI

1000
SIDE PORT



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

LENNTECH
WATER TREATMENT Solutions

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www.lenntech.com Fax. +31-152-616-289

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, 2013
RP CODE STAMP OPTIONAL
- SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PROTEC
arisawa

BPV-8-1000-SP

ENGR
LSV
10/04/13
QLTY
LS
10/04/13
MRKT
BOA
10/04/13

ECO
12056

REVISED
10/04/13

DRAWING
101043

REV
D

Shell Length Code	L inch (mm)	P1 Standard inch (mm)	P2 Optional inch (mm)	P3 Optional inch (mm)	S Span inch (mm)	Empty Weight lb (kg)
-1	61.6 [1565]	47 [1194]	45 [1143]	46 [1168]	1 @ 25 [635]	143 [65]
-1.5	81.6 [2073]	67 [1702]	65 [1651]	66 [1676]	1 @ 42 [1067]	159 [72]
-2	101.6 [2581]	87 [2210]	85 [2159]	86 [2184]	1 @ 56 [1422]	172 [78]
-3	141.6 [3597]	127 [3226]	125 [3175]	126 [3200]	1 @ 80 [2032]	201 [91]
-4	181.6 [4613]	167 [4242]	165 [4191]	166 [4216]	2 @ 64 [1626]	231 [105]
-5	221.6 [5629]	207 [5258]	205 [5207]	206 [5232]	2 @ 78 [1981]	258 [117]
-6	261.6 [6645]	247 [6274]	245 [6223]	246 [6248]	2 @ 92 [2337]	289 [131]
-7	301.6 [7661]	287 [7290]	285 [7239]	286 [7264]	2 @ 106 [2692]	315 [143]
-7.5	321.6 [8169]	307 [7798]	305 [7747]	306 [7772]	2 @ 114 [2896]	331 [150]
-8	341.6 [8679]	327 [8306]	325 [8255]	326 [8280]	2 @ 120 [3048]	346 [157]

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080490	Shell	Filament Wound, Epoxy FRP
2	2	4080481	Bearing Plate	6061-T6 Aluminum, Anodized, SB-221
3	2	4080177-3	Sealing Plate	Noryl GFN2
4	2	4080234	Feed/Concentrate Port, 1 1/2", "D"	SST Super Duplex, SA-790
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	4080308	Permeate Port	Noryl GFN2
8	2	6100442MK	Head Seal	Ethylene Propylene
9	2	6110229-N	Permeate Port Seal	Ethylene Propylene
10	2	4080474-1	Locking segment	Stainless Steel, CF8M, SA-351
11	2	6121200	Retaining Ring, Permeate Port	Stainless Steel, 316, SA-479
12	2*	4080175	Support Saddle	Thermoplastic Rubber
13	2	4080137	Strap Assembly	Stainless Steel, 316
14	4	6150001	Strap Screw	Stainless Steel, 18-8
15	2	A/R	Membrane Adapter	Noryl GFN2
16	1	4080165-1	Thrust Cone	PVC Thermoplastic
17	2	6180326-N**	Adapter Seal	Ethylene Propylene
18	4	A/R	PWT Seal	Ethylene Propylene
19	6	6150048	Head Screw	Stainless steel , A4
20	3	4080062-4	Shim, Adapter	Noryl GFN2

*3 each with shell length -4 and longer
**6180221-N when Permeate Port is not Noryl