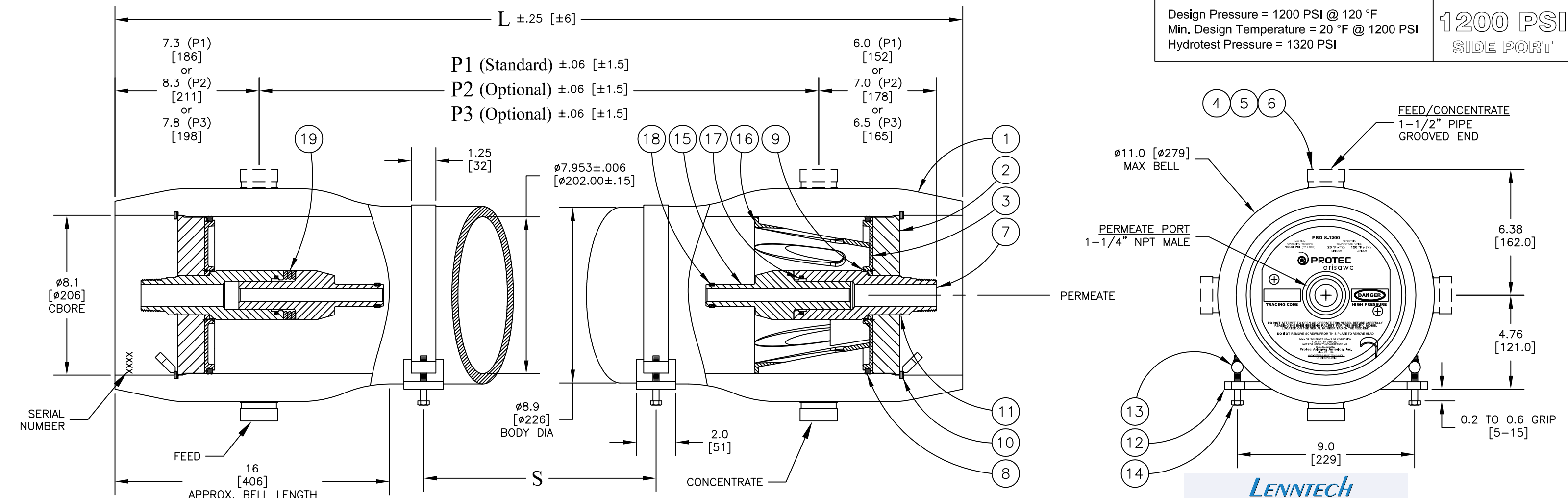


Design Pressure = 1200 PSI @ 120 °F
Min. Design Temperature = 20 °F @ 1200 PSI
Hydrotest Pressure = 1320 PSI

1200 PSI
SIDE PORT



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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



PRO 8-1200-SP

APPROVED AP 7/30/02	ECO	REVISED 3/31/14	DRAWING 101006	REV S
CHECKED BJ 7/30/02				
DRAWN AP 7/30/02				

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	61.6 [1565]	47 [1194]	45 [1143]	46 [1168]	1 @ 28 [711]	140 [64]
-1.5	81.6 [2073]	67 [1702]	65 [1651]	66 [1676]	1 @ 42 [1067]	166 [75]
-2	101.6 [2581]	87 [2210]	85 [2159]	86 [2184]	1 @ 56 [1422]	192 [87]
-3	141.6 [3597]	127 [3226]	125 [3175]	126 [3200]	1 @ 80 [2032]	245 [111]
-4	181.6 [4613]	167 [4242]	165 [4191]	166 [4216]	2 @ 64 [1626]	298 [135]
-5	221.6 [5629]	207 [5258]	205 [5207]	206 [5232]	2 @ 78 [1981]	351 [160]
-6	261.6 [6645]	247 [6274]	245 [6223]	246 [6248]	2 @ 92 [2337]	404 [184]
-7	301.6 [7663]	287 [7290]	285 [7239]	286 [7264]	2 @ 106 [2692]	457 [208]
-7.5	321.6 [8171]	307 [7798]	305 [7747]	306 [7772]	2 @ 114 [2896]	483 [220]
-8	341.6 [8679]	327 [8306]	325 [8255]	326 [8280]	2 @ 120 [3048]	510 [232]

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080023	Shell	Filament Wound, Epoxy FRP
2	2	4080034	Bearing Plate	6061-T6 Aluminum, SB-221, Anodized
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	4080320	Retaining Ring w/ Finger Pull	Stainless Steel, 316, SA-479
11	2	6121200	Retaining Ring, Permeate Port	Stainless Steel, 316
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	Adapter	A/R
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 length -4 and longer
**6110221-N, Qty 4, and 4080071-2 when Permeate Port is not Noryl