



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

1200 PSI
 SIDE PORT

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

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 [1566]	47 [1194]	45 [1143]	46 [1168.4]	1 @ 25 [635]	148 [67]
-1.5	81.6 [2073]	67 [1702]	65 [1651]	66 [1676.4]	1 @ 42 [1067]	165 [75]
-2	101.6 [2581]	87 [2210]	85 [2159]	86 [2184.4]	1 @ 56 [1422]	183 [83]
-3	141.6 [3597]	127 [3226]	125 [3175]	126 [3200.4]	1 @ 80 [2032]	220 [100]
-4	181.6 [4613]	167 [4242]	165 [4191]	166 [4216.4]	2 @ 64 [1626]	258 [117]
-5	221.6 [5629]	207 [5258]	205 [5207]	206 [5232.4]	2 @ 78 [1981]	293 [133]
-6	261.6 [6645]	247 [6274]	245 [6223]	246 [6248.4]	2 @ 92 [2337]	331 [150]
-7	301.6 [7663]	287 [7290]	285 [7239]	286 [7264.4]	2 @ 106 [2692]	368 [167]
-7.5	321.6 [8171]	307 [7798]	305 [7747]	306 [7772.4]	2 @ 114 [2896]	386 [175]
-8	341.6 [8679]	327 [8306]	325 [8255]	326 [8280.4]	2 @ 120 [3048]	403 [183]

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080023	Shell	Filament Wound, Epoxy FRP
2	2	4080034	Bearing Plate	6061-T6 Aluminum, Anodized
3	2	4080177-3	Sealing Plate	Noryl GFN2
4	2	4080234	Feed/Concentrate Port, 1-1/2", "D"	SST Super Duplex
5	4	6121187	Retaining Ring, F/C Port, 1-1/2", "D"	Stainless Steel, 316
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	6180229-N	Permeate Port Seal	Ethylene Propylene
10	2	4080320	Retaining Ring w/ Finger Pull	Stainless Steel, 316
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	Thermoplastic
16	1	4080165-1	Thrust Cone	PVC Thermoplastic
17	2	6180326-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

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 MANFOLDING 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 8-1200-SP

APPROVED US 7/05/12	ECO	REVISED 7/05/12	DRAWING 101006	REV S
CHECKED -				
DRAWN BOA 7/05/12				