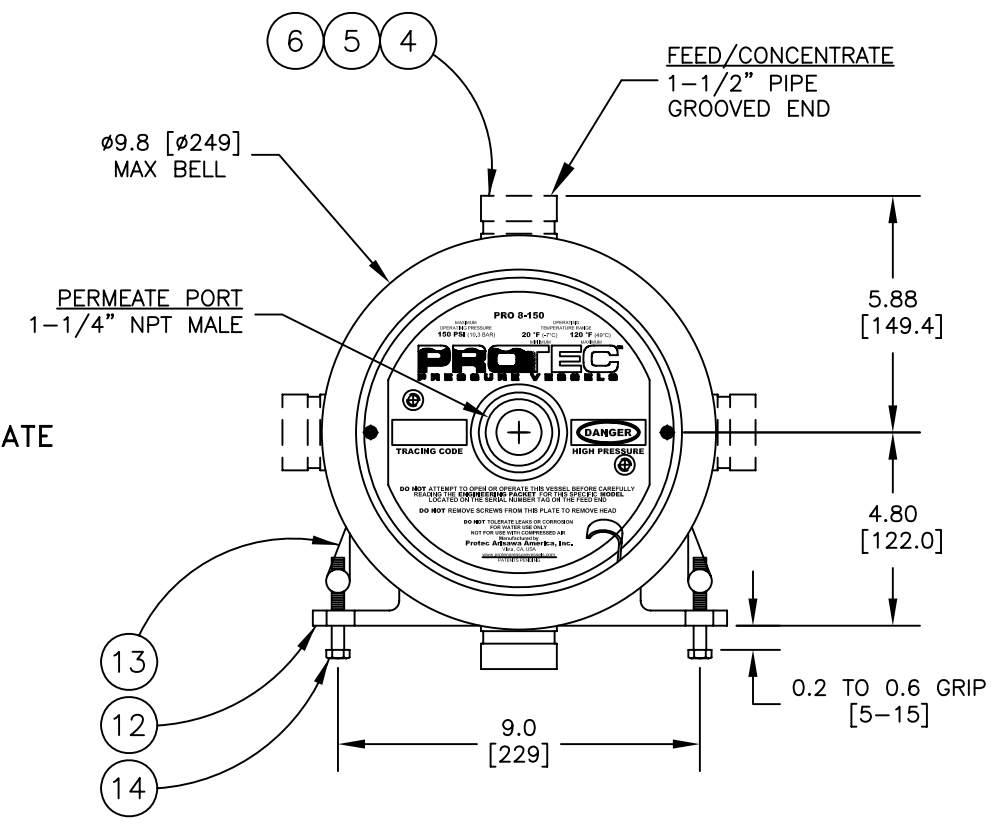
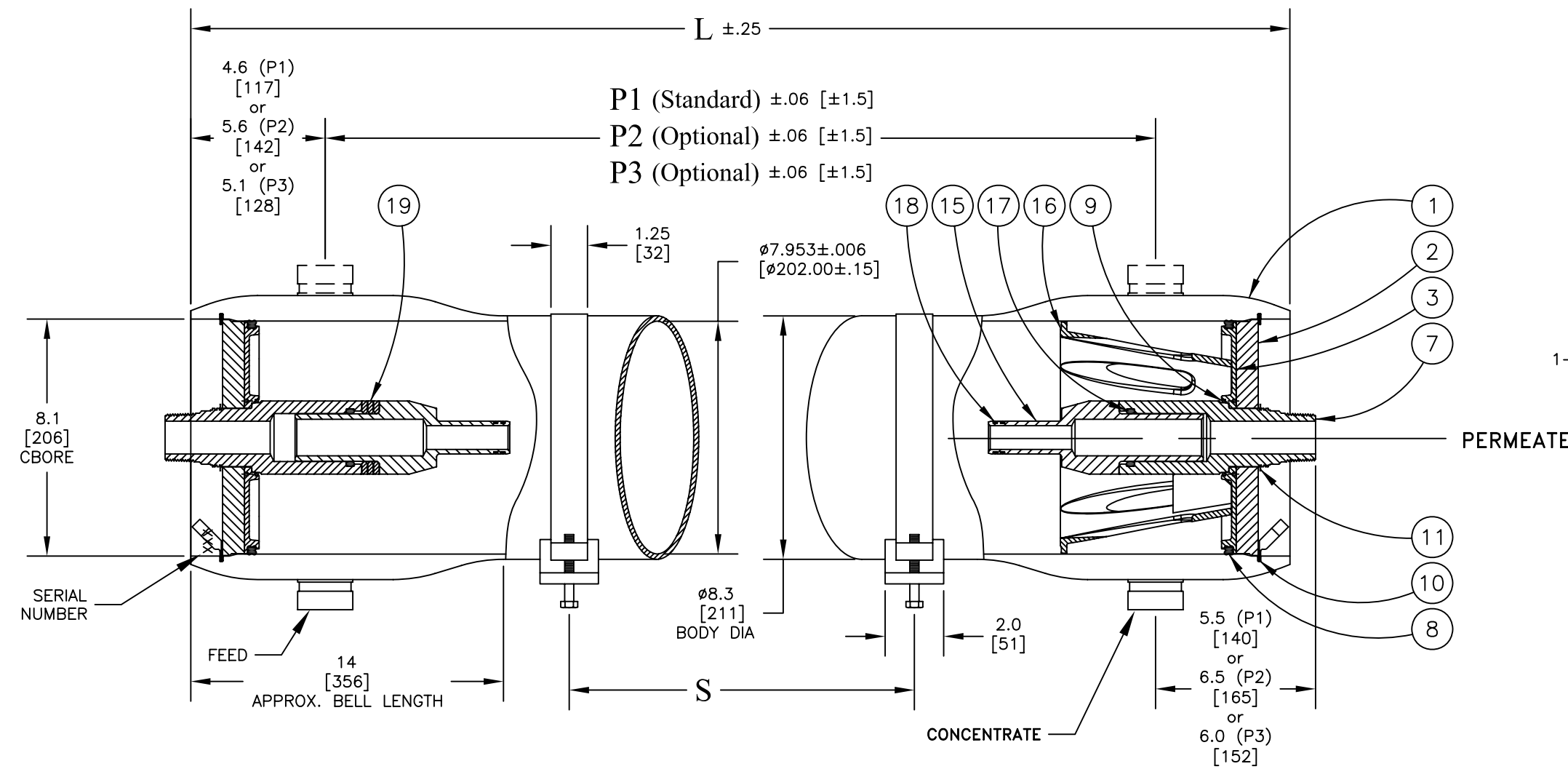


Design Pressure = 150 PSI @ 120 °F
 Min. Design Temperature = 20 °F @ 150 PSI
 Hydrotest Pressure = 165 PSI

150 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 | 4080235 | Shell | Filament Wound, Epoxy FRP |
| 2 | 2 | 4080008 | 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 | 4080080 | Retaining Ring w/ Finger Pull | Stainless Steel, 302, SA-479 |
| 11 | 2 | 6121200 | Retaining Ring, Permeate Port | Stainless Steel, 316 |
| 12 | 2* | 4080173 | 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 | 56.1 [1424.94] | 47 [1193.80] | 45 [1143.00] | 46 [1168.40] | 1 @ 28 [711.20] | 51 [23] |
| -1.5 | 76.1 [1932.94] | 67 [1701.80] | 65 [1651.00] | 66 [1676.40] | 1 @ 42 [1066.80] | 58 [26] |
| -2 | 96.1 [2440.94] | 87 [2209.80] | 85 [2159.00] | 86 [2184.40] | 1 @ 56 [1422.40] | 65 [30] |
| -3 | 136.1 [3456.94] | 127 [3225.80] | 125 [3175.00] | 126 [3200.40] | 1 @ 80 [2032.00] | 79 [36] |
| -4 | 176.1 [4472.94] | 167 [4241.80] | 165 [4191.00] | 166 [4216.40] | 2 @ 64 [1625.60] | 93 [42] |
| -5 | 216.1 [5488.94] | 207 [5257.80] | 205 [5207.00] | 206 [5232.40] | 2 @ 78 [1981.20] | 107 [49] |
| -6 | 256.1 [6504.94] | 247 [6273.80] | 245 [6223.00] | 246 [6248.40] | 2 @ 92 [2336.80] | 121 [55] |
| -7 | 296.2 [7523.48] | 287 [7289.80] | 285 [7239.00] | 286 [7264.40] | 2 @ 106 [2692.40] | 135 [61] |
| -7.5 | 316.2 [8031.48] | 307 [7797.80] | 305 [7747.00] | 306 [7772.40] | 2 @ 114 [2895.60] | 142 [65] |
| -8 | 336.2 [8539.48] | 327 [8305.80] | 325 [8255.00] | 326 [8280.40] | 2 @ 120 [3048.00] | 149 [68] |

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 8-150-SP

| | | | | |
|--------------------------|-----|--------------------|-------------------|----------|
| APPROVED AP 7/2/01 | ECO | REVISED 4/28/11 | DRAWING 101001 | REV R |
| CHECKED AP 7/2/01 | | | | |
| DRAWN AP 7/2/01 | | | | |