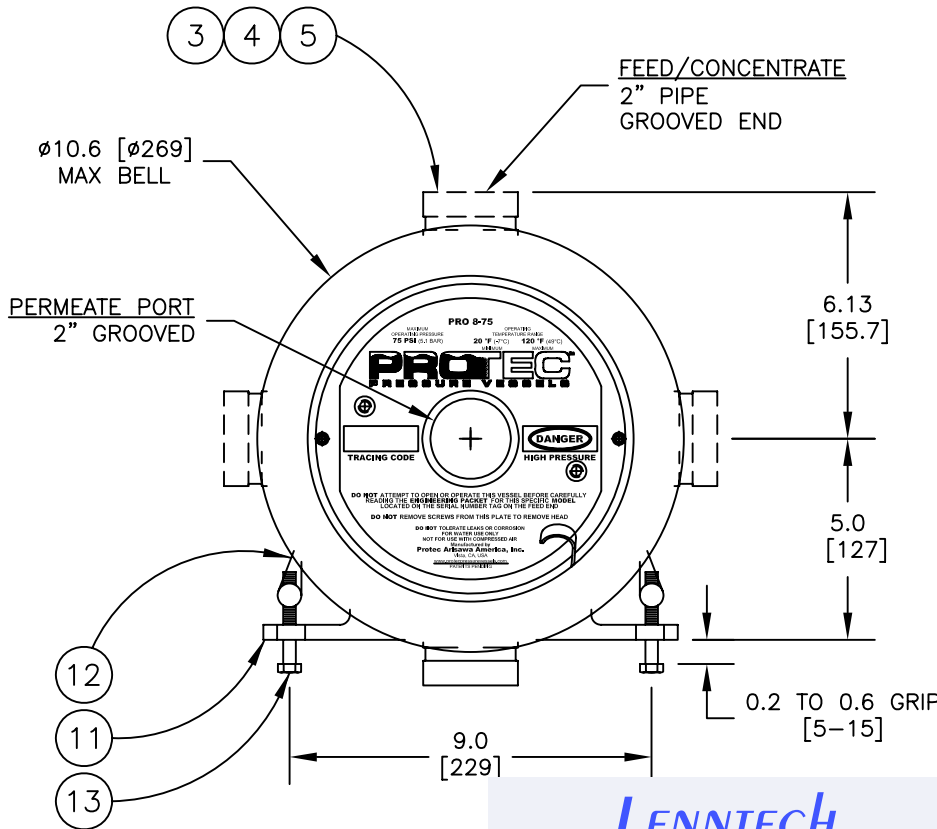
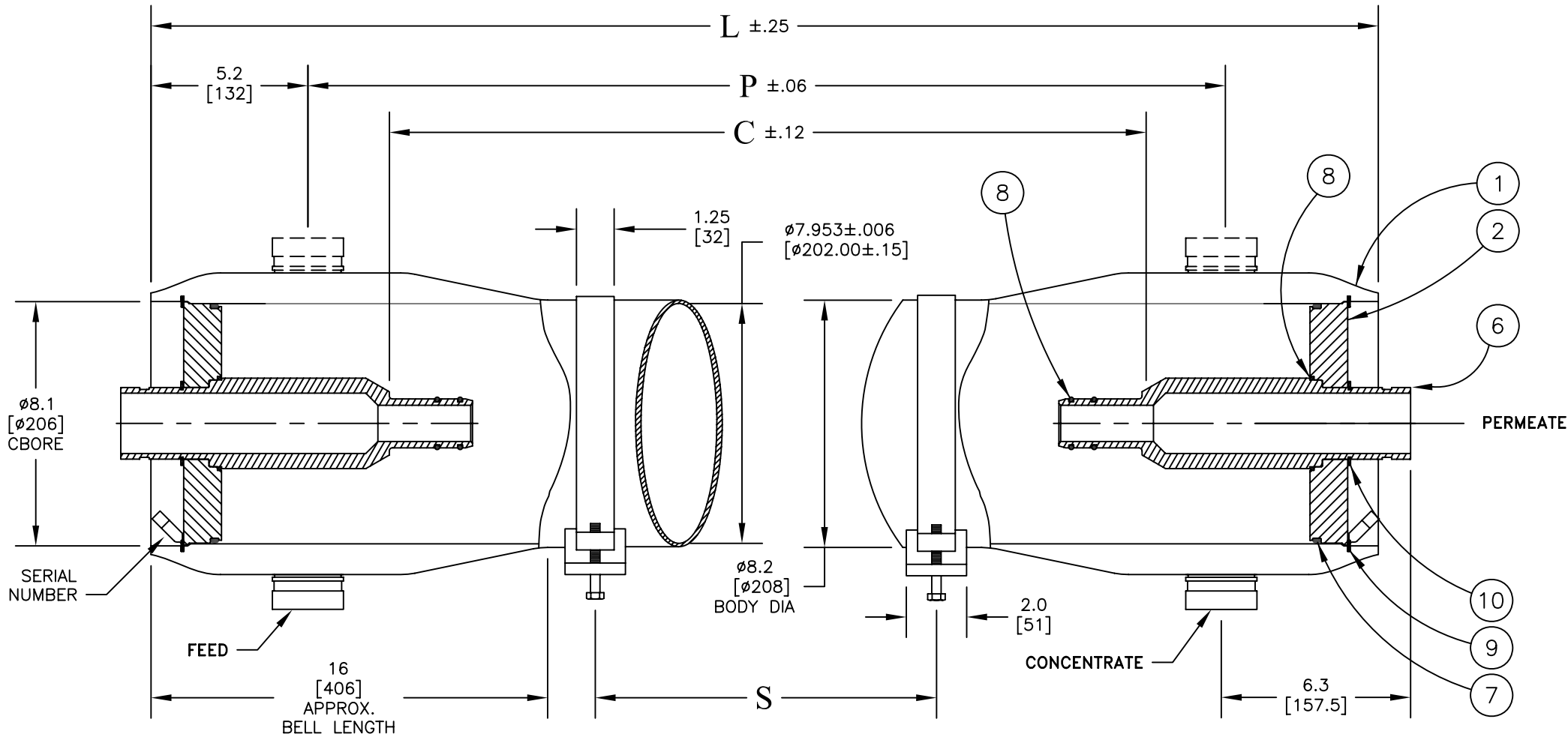


Design Pressure = 75 PSI @ 120 °F  
Min. Design Temperature = 20 °F @ 75 PSI  
Hydrotest Pressure = 82.5 PSI

75 PSI  
SIDE PORT



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

| ITEM | QTY | P/N       | DESCRIPTION                       | MATERIAL                     |
|------|-----|-----------|-----------------------------------|------------------------------|
| 1    | 1   | 4080393   | Shell, 8N-75-MSP                  | Filament Wound, Epoxy FRP    |
| 2    | 2   | 4080105-1 | Bearing Plate                     | PVC Thermoplastic            |
| 3    | 2   | 4080404-1 | Feed/Concentrate Port, 2", "H"    | Stainless Steel, 316, SA-312 |
| 4    | 4   | 6121231   | Retaining Ring, F/C Port, 2", "H" | Stainless Steel, 316, SA-479 |
| 5    | 2   | 6185704-N | O-Ring Seal, F/C Port, 2", "H"    | Ethylene Propylene           |
| 6    | 2   | 4080407-1 | Permeate Port                     | PVC Thermoplastic            |
| 7    | 2   | 6180367   | Head Seal                         | Ethylene Propylene           |
| 8    | 2   | 6110233-N | Permeate Port Seal                | Ethylene Propylene           |
| 9    | 2   | 4080080   | Retaining Ring w/ Finger Pull     | Stainless Steel, 302         |
| 10   | 2   | 6120237   | Retaining Ring, Permeate Port     | Stainless Steel, 302         |
| 11   | 2*  | 4080147   | Support Saddle                    | Polyurethane                 |
| 12   | 2*  | 4080137   | Strap Assembly                    | Stainless Steel, 316         |
| 13   | 4   | 6150001   | Strap Screw                       | Stainless Steel, 18-8        |
| 14   | 4   | 6183504-N | PWT Seal                          | Ethylene Propylene           |

**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.  
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

**PROTEC**  
arisawa

**PRO 8N-75-MSP**

ENGR  
EB  
03/06/08  
QLTY  
MRKT

|              |                    |                   |          |
|--------------|--------------------|-------------------|----------|
| ECO<br>09279 | REVISED<br>4/28/11 | DRAWING<br>101037 | REV<br>E |
|--------------|--------------------|-------------------|----------|

| Shell Length Code        | L<br>inch<br>(mm)  | P<br>inch<br>(mm)  | C<br>Column<br>in (mm) | S<br>Span<br>in (mm) | Empty Weight<br>lb<br>[kg] |
|--------------------------|--------------------|--------------------|------------------------|----------------------|----------------------------|
| 1M                       | 73.5<br>[1866.90]  | 66<br>[1676.40]    | 60.4<br>[1534.16]      | 1 @ 42<br>[1066.80]  | 62<br>[28]                 |
| 2M                       | 134.7<br>[3421.38] | 126.5<br>[3213.10] | 121.5<br>[3086.10]     | 1 @ 80<br>[2032.00]  | 78<br>[35]                 |
| 3M                       | 194.7<br>[4945.38] | 187.5<br>[4762.50] | 181.5<br>[4610.10]     | 2 @ 71<br>[1803.40]  | 94<br>[47]                 |
| 4M                       | 255.7<br>[6494.78] | 248<br>[6299.20]   | 242.6<br>[6162.04]     | 2 @ 92<br>[2336.80]  | 110<br>[50]                |
| Design Pressure          |                    |                    |                        |                      |                            |
| 75 psi at 85 °F (29 °C)  |                    |                    |                        |                      |                            |
| 70 psi at 95 °F (35 °C)  |                    |                    |                        |                      |                            |
| 60 psi at 100 °F (38 °C) |                    |                    |                        |                      |                            |
| 50 psi at 105 °F (41 °C) |                    |                    |                        |                      |                            |
| 35 psi at 120 °F (49 °C) |                    |                    |                        |                      |                            |

\*3 each with shell length 3M and longer