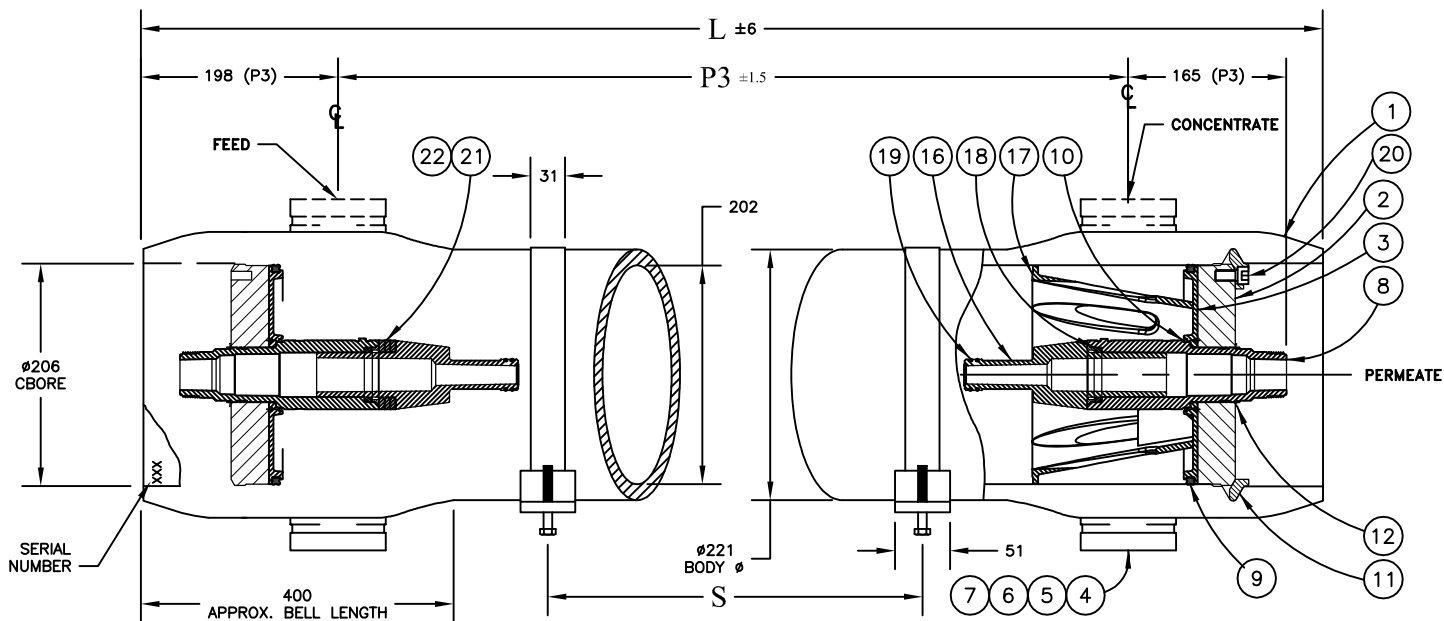
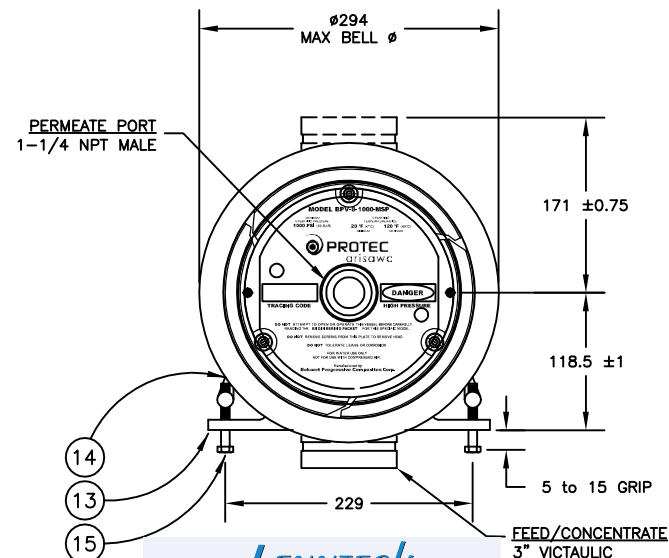




1000  
M-SIDE PORT



**LENNTech**  
Water Treatment Solutions

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#### DIMENSIONS IN MM

FOR REFERENCE ONLY, NOT TO BE USED FOR CONSTRUCTION UNLESS CERTIFIED

CENTER VESSEL ON 2 OR 3 SUPPORTS AT SPAN(S) "S". 3 SUPPORTS REQUIRED FOR LENGTHS -4 AND OVER

INCORRECT MANIFOLDING WILL CAUSE SEVERE LOCAL STRESS AROUND PORT AND MAY RESULT IN LEAKS AND PREMATURE FAILURE. TAKE EVERY PRECAUTION LISTED IN THIS PACKET.

INTERNAL PERMEATE PRESSURE MUST NOT EXCEED 125 PSI.

ASME SECTION X, RP CODE STAMP OPTIONAL

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

**PROTEC**  
arisawa

**BPV-8-1000-MSP**

ENGR  
BOA  
21/10/16  
QLTY  
AL  
21/10/16  
MRKT  
GCM  
21/10/16

ECO 15082 REVISED 21/10/16 DRAWING 101040 REV D

| ITEM | QTY | P/N       | DESCRIPTION                        | MATERIAL                        |
|------|-----|-----------|------------------------------------|---------------------------------|
| 1    | 1   | 4080482   | Shell                              | Filament Wound, Epoxy FRP       |
| 2    | 2   | 4080481   | Bearing Plate                      | 6061-T6 Aluminum, Hard Anodized |
| 3    | 2   | 4080177-3 | Sealing Plate                      | Noryl                           |
| 4    | 2   | 4080214   | Feed/Concentrate Port (3"), "K"    | St. Steel Super Duplex          |
| 5    | 2   | 6121373   | Retaining Ring, F/C Port (3"), "K" | St. Steel 316                   |
| 6    | 2   | 6180340N  | O-ring F/C Port (3"), "K"          | Ethylene Propylene              |
| 7    | 2   | 6121343   | Retaining Ring, F/C Port (3"), "K" | St. Steel 316                   |
| 8    | 2   | 4080308   | Permeate Port                      | Noryl                           |
| 9    | 2   | 610442MK  | Head Seal                          | Ethylene Propylene              |
| 10   | 2   | 6180229N  | Permeate Port Seal                 | Ethylene Propylene              |
| 11   | 2   | 4080474   | Locking segment                    | Stainless Steel, 316            |
| 12   | 2   | 6121200   | Retaining Ring, Permeate Port      | Stainless Steel, 316            |
| 13   | 3   | 4080175   | Support Saddle                     | Thermoplastic Rubber            |
| 14   | 2*  | 4080800   | Strap Assembly [M8]                | Stainless Steel, 316            |
| 15   | 2   | 6150072   | Strap Screw [M8x70mm]              | Stainless Steel, A4             |
| 16   | 2   | 5080074   | Membrane Adapter                   | Noryl                           |
| 17   | 1   | 4080165-1 | Thrust Cone                        | PVC Thermoplastic               |
| 18   | 2   | 6180326N  | Adapter Seal                       | Ethylene Propylene              |
| 19   | 4   | 6180119N  | PWT Seal                           | Ethylene Propylene              |
| 20   | 6   | 6150020   | Head Screw [M10x20mm]              | Stainless steel, A4             |
| 21   | 2   | 4080062-4 | Shim, Adapter [5mm]                | Noryl                           |
| 22   | 2   | 4080704   | Shim, Adapter [2mm]                | Noryl                           |

\*3 each with shell length -4 and longer

| Shell Length Code | L mm | P3 mm  | S Optional mm | Empty Weight kg |
|-------------------|------|--------|---------------|-----------------|
| -1                | 1565 | 1168.4 | 1 @ 635       | 77              |
| -1.5              | 2073 | 1676.4 | 1 @ 1067      | 83              |
| -2                | 2581 | 2184.4 | 1 @ 1422      | 89              |
| -3                | 3597 | 3200.4 | 1 @ 2032      | 103             |
| -4                | 4613 | 4216.4 | 2 @ 1626      | 116             |
| -5                | 5629 | 5232.4 | 2 @ 1981      | 129             |
| -6                | 6645 | 6248.4 | 2 @ 2337      | 142             |
| -7                | 7661 | 7264.4 | 2 @ 2692      | 155             |
| -7.5              | 8169 | 7772.4 | 2 @ 2896      | 162             |
| -8                | 8679 | 8280.4 | 2 @ 3048      | 168             |