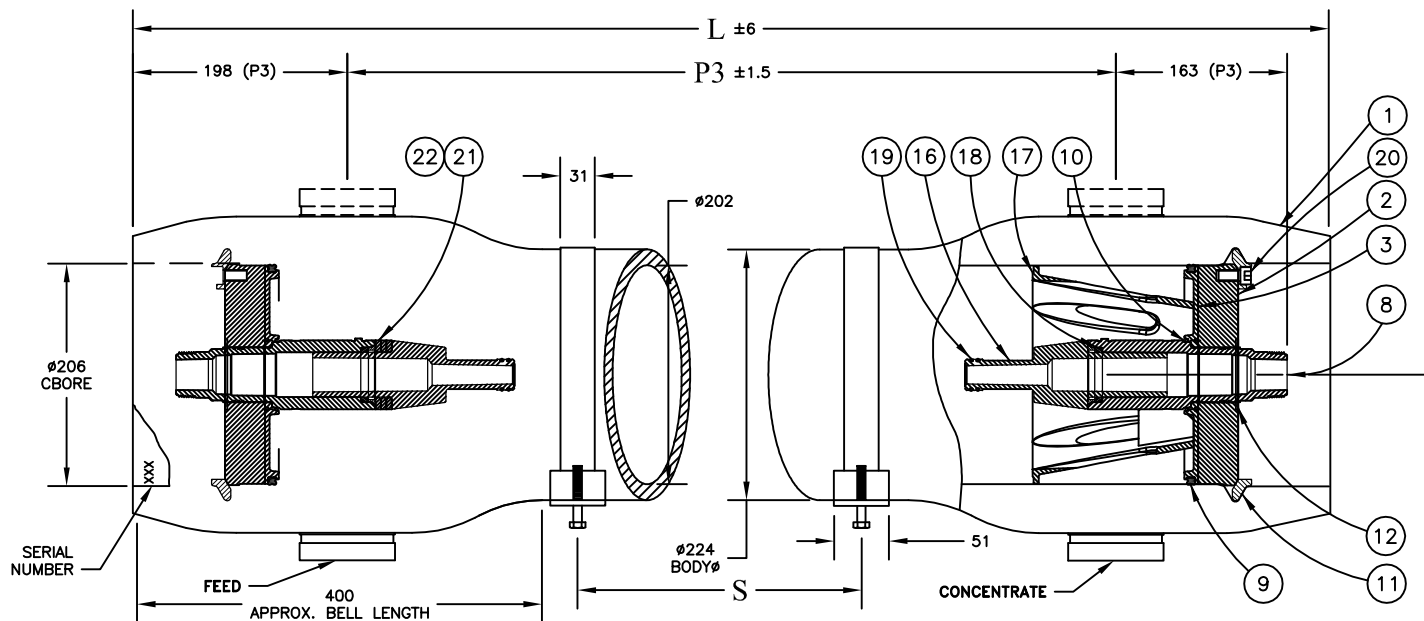
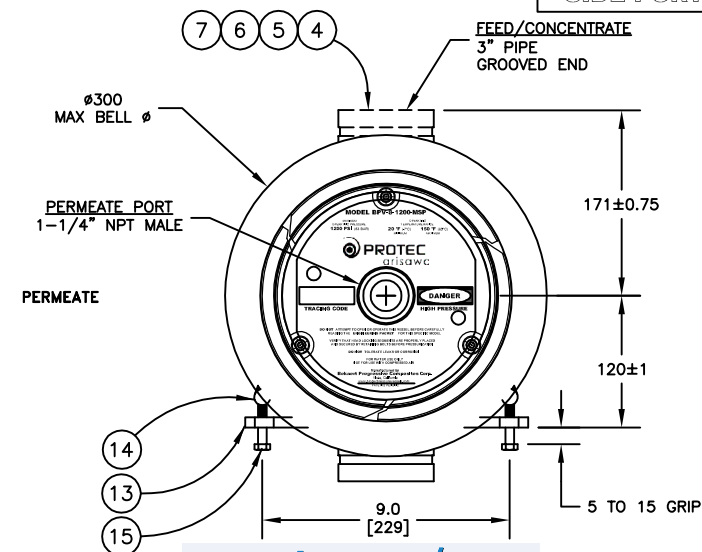




Design Pressure = 1200 PSI @ 120 °F
Min. Design Temperature = 20 °F @ 1200 PSI
Hydrotest Pressure = 1320 PSI

1200 PSI
MEGA
SIDE PORT



ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080536	Shell	Filament Wound, Epoxy FRP
2	2	4080725	Bearing Plate	6061-T6 Aluminum, Anodized
3	2	4080177-3	Sealing Plate	Noryl
4	2	4080214	Feed/Concentrate Port (3"), "K"	SST Super Duplex
5	2	6121373	Retaining Ring, F/C Port (3"), "K"	Stainless Steel, 316L
6	2	6180340N	O-Ring Seal, F/C Port (3"), "K"	Ethylene Propylene
7	2	6121343	Retaining Ring, F/C Port (3"), "K"	Stainless Steel, 316L
8	2	4080308	Permeate Port	Noryl
9	2	610442MK	Head Seal	Ethylene Propylene
10	2	6180229N	Permeate Port Seal	Ethylene Propylene
11	6	4080474	Locking Segments	Stainless Steel, 316L
12	2	6121200	Retaining Ring, Permeate Port	Stainless Steel, 316L
13	2*	4080175	Support Saddle	Thermoplastic Rubber
14	2	4080800	Strap Assembly [M8]	Stainless Steel, 316L
15	4	6150072	Strap Screw [M8x70mm]	Stainless Steel, A4
16	2	5080074	Membrane Adapter	Noryl
17	1	4080165-1	Thrust Cone	PVC Thermoplastic
18	2	6180326-N	Adapter Seal	Ethylene Propylene
19	4	6180119-N	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

NOTES:

DIMENSIONS IN MM

FOR REFERENCE ONLY, NOT FOR CONSTRUCTION UNLESS CERTIFIED

SHIMMING OF THE SADDLES MAY BE REQUIRED

CENTER VESSEL ON 2 SUPPORTS AT SPAN(S) "S". OPTIONAL 3 POINT SUPPORT QUOTED SEPARATELY FOR SHELL LENGTHS -4 AND LONGER.

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



BPV-8-1200-MSP

ENGR
BOA
21/10/16
DRAWN BY
AL
21/10/16
MRKT
GCM
21/10/16

ECO
15082
REVISED
12/06/17
DRAWING
101039
REV
G

Shell Length Code	L mm	P3 mm	S Optional mm	Empty Weight kg
-1	1565	1168.4	1 @ 635	85
-1.5	2073	1676.4	1 @ 1067	
-2	2581	2184.4	1 @ 1422	102
-3	3597	3200.4	1 @ 2032	118
-4	4613	4216.4	2 @ 1626	135
-5	5629	5232.4	2 @ 1981	151
-6	6645	6248.4	2 @ 2337	169
-7	7661	7264.4	2 @ 2692	185
-7.5	8169	7772.4	2 @ 2896	
-8	8679	8280.4	2 @ 3048	200