

GENERAL DIMENSIONS

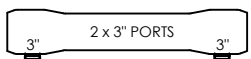
Shell Length Code	L	P3	P1	S	Empty Weight kg
	mm	mm	Optional mm	mm	
-1	1565	1168.4	1194	1 @ 635	85
-1.5	2073	1676.4	1702	1 @ 1067	
-2	2581	2184.4	2210	1 @ 1422	102
-3	3597	3200.4	3226	1 @ 2032	118
-4	4613	4216.4	4242	2 @ 1626	135
-5	5629	5232.4	5258	2 @ 1981	151
-6	6645	6248.4	6274	2 @ 2337	169
-7	7661	7264.4	7290	2 @ 2692	185
-7.5	8169	7772.4	7798	2 @ 2896	
-8	8679	8280.4	8306	2 @ 3048	200

BILL OF MATERIALS

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"	Stainless Steel, Super Duplex
5	2	6121373	Retaining Ring, F/C Port (3"), "K"	Stainless Steel, Super Duplex - Inner
6	2	6180340	O-Ring Seal, F/C Port (3"), "K"	Ethylene Propylene
7	2	6121343	Retaining Ring, F/C Port (3"), "K"	Stainless Steel, 316L - Outer
*8	2	4080308	Permeate Port	Noryl
9	2	6100442	Head Seal	Ethylene Propylene
10	2	6180229	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	Adapter Seal	Ethylene Propylene
19	4	6180119	PWT Seal	Ethylene Propylene
20	6	6150020	Head Screw [M10x20mm]	Stainless Steel, A4
21	2	4080062	Shim, Adapter [5mm]	Noryl
22	2	4080704	Shim, Adapter [2mm]	Noryl
23	2	6180031	Permeate Port Secondary Seal	Ethylene Propylene

* Different Permeate Port connections available upon request
 ** 3 saddles are supplied when vessels are -4 elements or longer

SIDE PORTS CONFIGURATION



1K 5K
(1 Vessel)

NOTES:

DIMENSIONS IN MM
 FOR REFERENCE ONLY, NOT FOR CONSTRUCTION UNLESS CERTIFIED
 FOR VESSEL INSTALLATION AND MAINTENANCE PLEASE REFER TO PROTEC ARISAWA USER'S MANUAL
 CENTER VESSEL ON SUPPORTS AT SPAN(S) "S". 3 POINT SUPPORT QUOTED SEPARATELY FOR SHELL LENGTHS -4 AND LONGER.
 INTERNAL PERMEATE PRESSURE MUST NOT EXCEED 125 PSI.
 ASME SECTION X, RP CODE STAMP OPTIONAL
 BPV-8-1200-MSP MODEL AVAILABLE SIDE PORT SIZES: 1.5" / 2" / 2.5" / 3"
 DESIGN PRESSURE = 1200 PSI
 DESIGN TEMPERATURE = Min. -7°C (20 °F) - Max. 49°C (120°F)
 FOR OTHER TEMPERATURES OUT OF THIS RANGE CONTACT PROTEC ARISAWA
 HYDROTEST PRESSURE: N° x1.43 CE MARKING or N° x1.1 ASME



BPV-8-1200-MSP

ENGR BOA 29/04/2021	ECO	REVISED 29/04/2021	DRAWING 101039	REV L
QTY PM 29/04/2021	21053			
MRKT OB 29/04/2021				