

GENERAL DIMENSIONS				
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

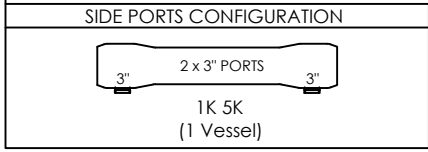
BILL OF MATERIALS				
ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080482	Shell	Filament Wound, Epoxy FRP
2	2	4080481	Bearing Plate	6061-T6 Aluminum, Hard Anodized
3	2	4080177-3	Sealing Plate	Noryl
4	2	4080214	Feed/Concentrate Port (3"), "K"	Stainless Steel, Super Duplex
5	2	6121373	Retaining Ring, F/C Port (3"), "K"	Stainless Steel, Super Duplex - Inner
6	2	6180340	O-ring 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	2	4080474	Locking segment	Stainless Steel, 316L
12	2	6121200	Retaining Ring, Permeate Port	Stainless Steel, 316L
**13	3	4080175	Support Saddle	Thermoplastic Rubber
14	2	4080800	Strap Assembly [M8]	Stainless Steel, 316L
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	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

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-8-1000-MSP MODEL AVAILABLE SIDE PORT SIZES: 1.5" / 2" / 2.5" / 3"
 DESIGN PRESSURE = 1000 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-8-1000-MSP



ENGR BOA 29/04/2021	ECO	REVISED 29/04/2021	DRAWING 101040	REV H
QTY PM 29/04/2021	21053			
MRKT OB 29/04/2021				