

GENERAL DIMENSIONS

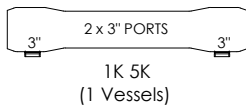
Shell Length Code	L mm	P mm	S Optional mm	Empty Weight kg
-1	1640	1143	1 @ 635	90
-2	2656	2159	1 @ 1422	110
-3	3672	3175	2 @ 2032	130
-4	4688	4191	2 @ 1626	150
-5	5704	5207	2 @ 1981	170
-6	6720	6223	2 @ 2337	190
-7	7736	7239	2 @ 2692	210
-8	8752	8255	2 @ 3048	230

BILL OF MATERIALS

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4081033	Shell	Filament Wound, Epoxy FRP
2	2	4081040	Bearing Plate	6061-T6 Aluminum, Anodized
3	2	4080177-3	Sealing Plate	Noryl
4	2	4081041	Feed/Concentrate Port (3"), "K"	SST Super Duplex
5	2	6121343	Retaining Ring, F/C Port (3"), "K"	Stainless Steel, 316L
6	2	6180340	O-Ring Seal, F/C Port (3"), "K"	Ethylene Propylene
7	2	4081042	Side port retaining segment set	Stainless Steel, 316L
*8	2	4080308	Permeate Port	Noryl
9	2	610442	Head Seal	Ethylene Propylene
10	2	6180229	Permeate Port Seal	Ethylene Propylene
11	2	4080320	Retaining Ring w/ Finger Pull	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	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	2	4080062	Shim, Adapter [5mm]	Noryl
21	2	4080704	Shim, Adapter [2mm]	Noryl

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

SIDE PORTS CONFIGURATION



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
 PRO-8-1500-MSP MODEL AVAILABLE SIDE PORT SIZES: 1.5" / 2" / 2.5" / 3"
 DESIGN PRESSURE = 1500 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



PRO-8-1500-MSP

ENGR BOA 29/4/2021	ECO	REVISED 9/11/2021	DRAWING 102955	REV D
QLTY PM 29/4/2021	21053			
MRKT OB 29/4/2021				