



GENERAL DIMENSIONS

Shell Length Code	L	P	S	Empty Weight
	mm		Span mm	
-1	1272	1032	1 @ 600	TBD
-2	2288	2048	1 @ 1200	TBD
-3	3304	3064	1 @ 1800	TBD
-4	4320	4080	2 @ 1600	TBD
-5	5336	5096	2 @ 2000	TBD
-6	6352	6112	2 @ 2500	TBD

BILL OF MATERIALS

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4040124	Shell	Filament Wound, Epoxy FRP
2	2	4040110	Bearing Plate	Aluminum 6061-T6, hard anodized SB-221
3	2	4040106	Sealing Plate	PVC Thermoplastic
4	2	4040153	Side Port	Super Duplex, UNS S32750/32760
5	2	6121131	Retaining ring, Side port	Super Duplex, UNS S32750/32760
6	2	6183203	Seal, F/C Port	Ethylene Propylene
*7	2	4040107	Permeate Port 3/4" NPT	PVC Thermoplastic
8	2	6180342	Head Seal, O-Ring	Ethylene Propylene
9	2	6180120	Permeate Port Seal, O-Ring	Ethylene Propylene
10	2	4040079	Retaining Ring w/ Finger Pull	Stainless Steel, 316 Series
11	2	6121100	Retaining Ring, Permeate Port	Stainless Steel, 316 Series
**12	3	4040037	Support Saddle	Thermoplastic Rubber
13	2	4040040	Strap Assembly	Stainless Steel, 316L
14	2	6180116	PWT Seal, O-Ring	Ethylene Propylene
15	4	6150013	Strap Screw M8x100	Stainless Steel, A4

* 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
 PRO-4-1000-SP MODEL AVAILABLE PORT SIZES: 3/4" / 1"
 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



PRO-4-1000-SP

ENGR BOA 29/4/2021	ECO	REVISED 29/4/2021	DRAWING 104964	REV D
QLTY PM 29/4/2021	21053			
MRKT OB 29/4/2021				