



GENERAL DIMENSIONS

Shell Length Code	L inch (mm)	P inch (mm)	S Span inch (mm)	Empty Weight (kg)
-1	50.31 (1278)	40.63 (1032)	1 @ 23.6 (1 @ 600)	14
-2	90.31 (2294)	80.63 (2048)	1 @ 47.2 (1 @ 1200)	20
-3	130.31 (3310)	120.63 (3064)	1 @ 73 (1 @ 1800)	26
-4	170.31 (4326)	160.63 (4080)	2 @ 63 (2 @ 1600)	32
-5	210.31 (5342)	200.63 (5096)	2 @ 78.7 (2 @ 2000)	38
-6	250.31 (6358)	240.63 (6112)	2 @ 98.4 (2 @ 2500)	44

BILL OF MATERIALS

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4040122	Shell	Filament Wound, Epoxy FRP
2	2	4040110	Bearing Plate	Aluminum, 6061 T6 Hard Anodized
3	2	4040106	Sealing Plate	PVC Thermoplastic
4	2	4040152	F/C Port	Super Duplex
5	6	6121131	Retaining ring, F/C Port	Stainless Steel, 316 Series
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	2	4040037	Support Saddle	Thermoplastic Rubber
13	2	4040040	Strap Assembly	Stainless Steel, 316L
14	4	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.  
 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



PRO-4-1000-SP

ENGR BOA 29/4/2021				
QLTY PM 29/4/2021				
MRKT OB 29/4/2021	ECO 21053	REVISED 25/4/2022	DRAWING 104009	REV H