



GENERAL DIMENSIONS

Shell Length Code	L inch (mm)	P inch (mm)	S Span inch (mm)	Empty Weight lb (kg)
-1	49.84 (1266)	40.63 (1032)	1 @ 23.6 (1 @ 600)	15
-2	89.84 (2282)	80.63 (2048)	1 @ 47.2 (1 @ 1200)	21
-3	129.84 (3298)	120.63 (3064)	1 @ 73 (1 @ 1800)	27
-4	169.84 (4314)	160.63 (4080)	2 @ 63 (2 @ 1600)	33
-5	209.84 (5330)	200.63 (5096)	2 @ 78.7 (2 @ 2000)	39
-6	249.84 (6346)	240.63 (6112)	2 @ 98.4 (2 @ 2500)	45

BILL OF MATERIALS

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4040103	Shell	Filament Wound, Epoxy FRP
2	2	4040105	Bearing Plate	316L
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	ECO	REVISED 25/4/2022	DRAWING 104008	REV G
QLTY PM 29/4/2021	21053			
MRKT OB 29/4/2021				