



GENERAL DIMENSIONS			
Shell Length Code	L mm	S Span mm	Empty Weight kg
-1	1647	1@635	51
-1.5	2154	1@1067	59
-2	2663	1@1422	67
-3	3679	1@2032	84
-4	4695	2@1626	101
-5	5711	2@1981	117
-6	6727	2@2337	134
-7	7745	2@2692	151
-7.5	8253	2@2896	159
-8	8761	2@3048	167

BILL OF MATERIALS				
ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080005	Shell	Filament Wound, Epoxy FRP
2	2	4080724	Bearing Plate	6061-T6 Aluminum, Hard Anodized
3	2	4080752	Sealing Plate	Noryl
4	2	4080073-2	Feed/Concentrate Port	Stainless Steel, Super Duplex
5	4	6121187	Retaining Ring, F/C Port	Stainless Steel, 316L
6	2	6110225	Seal, F/C Port	Ethylene Propylene
*7	2	4081166	Permeate Port	Noryl
8	2	6100442	Head Seal	Ethylene Propylene
9	2	6110229	Permeate Port Seal	Ethylene Propylene
10	2	4080320	Retaining Ring w/ Finger Pull	Stainless Steel, 316L
11	2	6121200	Retaining Ring, Permeate Port	Stainless Steel, 316L
**12	2	4080175	Support Saddle	Thermoplastic Rubber
13	2	4080800	Strap Assembly [M8]	Stainless Steel, 316L
14	4	6150072	Strap Screw [M8x70mm]	Stainless Steel, A4
15	2	5080074	Membrane Adapter	Noryl
16	1	4080165	Thrust Cone	PVC Thermoplastic
17	2	6180326	Adapter Seal	Ethylene Propylene
18	2	6180119	PWT Seal	Ethylene Propylene
19	2	4080062	Shim, Adapter [5mm]	Noryl
20	2	4080704	Shim, Adapter [2mm]	Noryl
21	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  
PRO-8-1200-EP MODEL AVAILABLE FEED/CONCENTRATE PORT SIZES: 1.5"  
DESIGN PRESSURE = 1200 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-8-1200-EP

ENGR BOA 29/04/2021	ECO	REVISED 09/09/2021	DRAWING 101012	REV T
QLTY PM 29/04/2021	21053			
MRKT OB 29/04/2021				