



#### GENERAL DIMENSIONS

Shell Length Code	L mm	S Span mm	Empty Weight kg
-1	1599	1@635	19
-1.5	2107	1@1067	22
-2	2615	1@1422	24
-3	3631	1@2032	30
-4	4647	2@1626	35
-5	5663	2@1981	40
-6	6679	2@2337	45
-7	7696	2@2692	50
-7.5	8203	2@2896	53
-8	8712	2@3048	55

#### BILL OF MATERIALS

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080002	Shell	Filament Wound, Epoxy FRP
2	2	4080027	Bearing Plate	6061-T6 Aluminum, Hard Anodized
3	2	4080752	Sealing Plate	Noryl
4	2	4080011-1	Feed/Concentrate Port	Stainless Steel, 316L
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	6180229	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	4080173	Support Saddle	Thermoplastic Rubber
13	2	4080800	Strap Assembly [M8]	Stainless Steel, 316L
14	4	6150072	Strap Screw [M8x70mm]	Stainless Steel, A4
15	2	5080049	Membrane Adapter	Noryl
16	1	4080165	Thrust Cone	PVC Thermoplastic
17	2	6180326	Adapter Seal	Ethylene Propylene
18	4	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-8-300-EP MODEL AVAILABLE FEED/CONCENTRATE PORT SIZES: 1.5"  
 DESIGN PRESSURE = 300 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-8-300-EP

ENGR BOA 29/04/2021				
QLTY PM 29/04/2021				
MRKT OB 29/04/2021	ECO 21053	REVISED 08/09/2021	DRAWING 101008	REV Y