

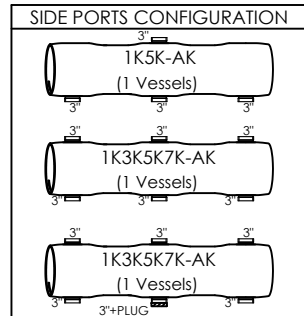
BILL OF MATERIALS				
ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080835	Shell	Filament Wound, Epoxy FRP
2	2	4080028	Bearing Plate	6061-T6 Aluminum, SB-221, Anodized
3	2	4080177	Sealing Plate	Noryl
4	2/4/4	4080787	Feed Port, 3", "K"	Stainless Steel, 316, SA-312
5	4/8/8	6201343	Retaining Ring, Feed Port, 3", "K"	Stainless Steel, 316, SA-479
6	2/4/4	6188504	O-Ring Seal, Feed Port, 3", "K"	Ethylene Propylene
7	1	4080966	Concentrate Port, 3", "M"	Stainless Steel, 316, SA-312
8	2	6121343	Retaining Ring, Feed Port, 3", "K"	Stainless Steel, 316 Series
9	2	6180325	Seal, Concentrate Port, 3", "M"	Ethylene Propylene
9*	2	6180338	Seal, Concentrate Port, 3", "M"	Ethylene Propylene
*10	2	4080788	Permeate Port	Noryl
11	2	6100442	Head Seal	Ethylene Propylene
12	2	6180229	Permeate Port Seal	Ethylene Propylene

\* Different Permeate Port connections available upon request

BILL OF MATERIALS				
ITEM	QTY	P/N	DESCRIPTION	MATERIAL
13	2	4080320	Retaining Ring w/ Finger Pull	Stainless Steel, 316
14	2	6121200	Retaining Ring, Permeate Port	Stainless Steel, 316
**15	3	4080173	Support Saddle	Thermoplastic Rubber
16	2	4080800	Strap Assembly	Stainless Steel, 316
17	4	6150072	Strap Screw	Stainless Steel, 18-8
18	2	5080049	Adapter	Noryl
19	1	4080786	Thrust Ring	PVC Thermoplastic
20	2	6180326	Adapter Seal	Ethylene Propylene
21	8	6180119	PWT Seal	Ethylene Propylene
22	2	4080964	Adapter plug	PET
23	1	4080347	Internal Install Device	PVC Thermoplastic
24	3	4080064	Shimming Rings (5mm)	Noryl
25	3	4080704	Shimming Rings (2mm)	Noryl

\*\* 3 saddles are supplied when vessels are -4 elements or longer

GENERAL DIMENSIONS				
Shell Length Code	L mm	P mm	S Standard 2 Pt. Span mm	Empty Weight kg
-3X3	6766.5	3238.50	1 @ 4766	TBD



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-MCP MODEL AVAILABLE SIDE PORT SIZES: 1.5" / 2" / 2.5" / 3"  
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-MCP

ENGR BOA 29/04/2021				
QLTY PM 29/04/2021				
MRKT OB 29/04/2021	ECO 21053	REVISED 29/04/2021	DRAWING 103204	REV C