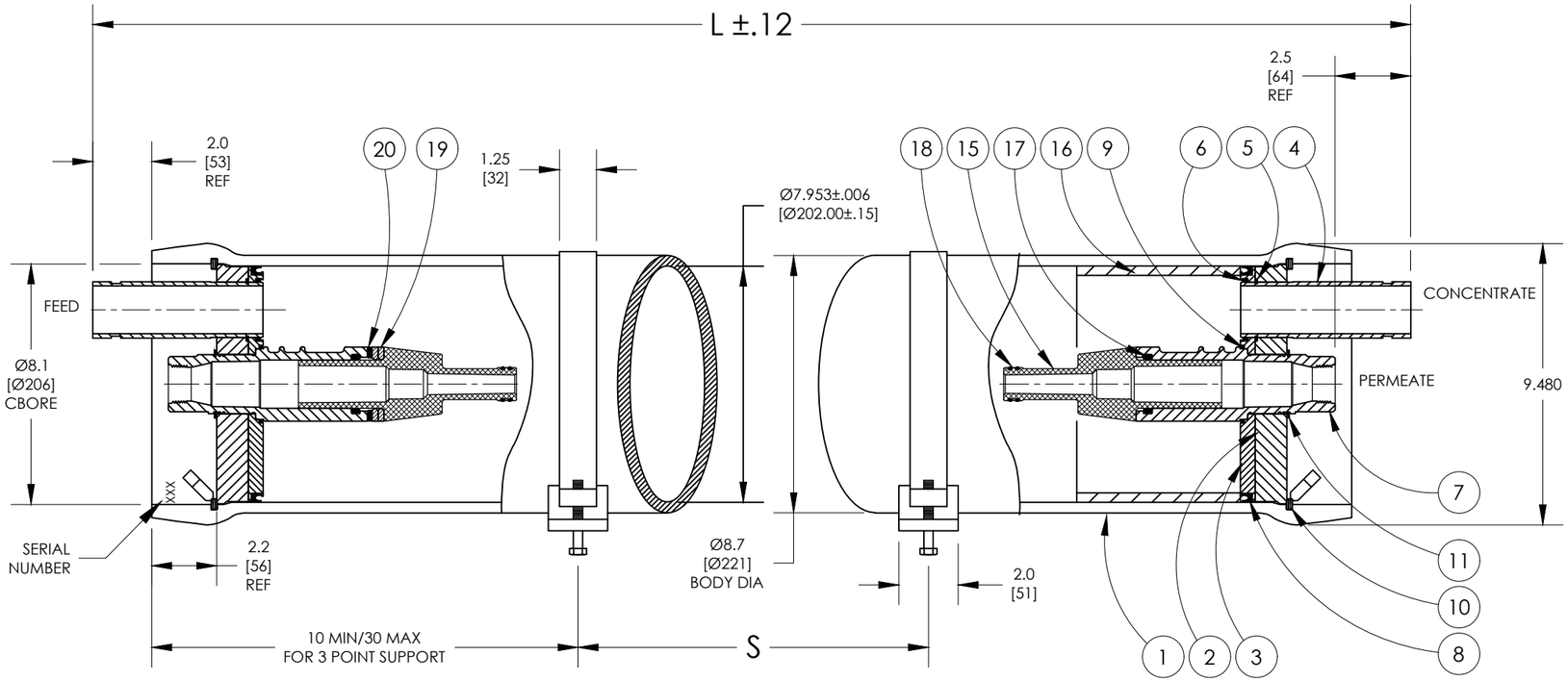
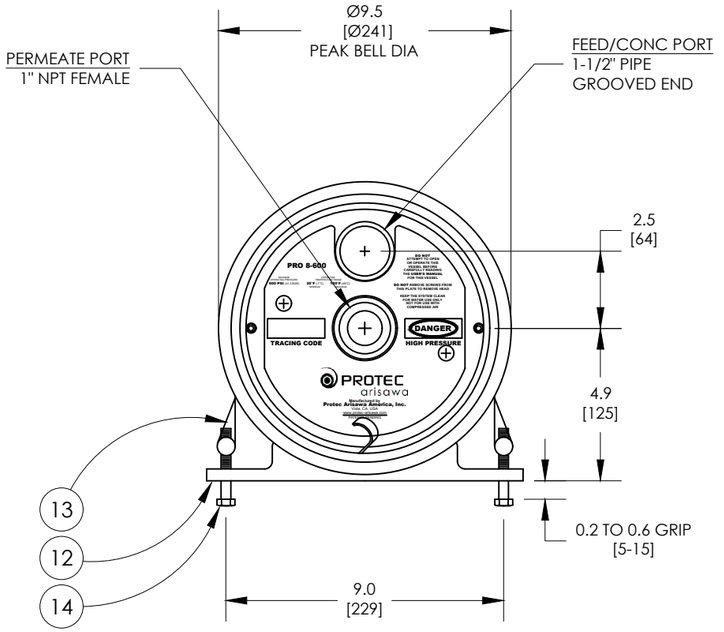




GENERAL DIMENSIONS			
Shell Length Code	L inch (mm)	S Span inch [mm]	Empty Weight lb [Kg]
-1	63 [1600.20]	1 @ 28 [711.20]	64 [29]
-2	103 [2616.20]	1 @ 56 [1422.40]	94 [42]
-3	143 [3632.20]	1 @ 80 [2032.00]	123 [56]
-4	183 [4648.20]	2 @ 64 [1625.60]	152 [69]
-5	223 [5664.20]	2 @ 78 [1981.20]	181 [82]
-6	263 [6680.20]	2 @ 92 [2336.80]	211 [95]
-7	303 [7696.20]	2 @ 106 [2692.40]	240 [109]
-8	343 [8712.20]	2 @ 120 [3048.00]	269 [122]

BILL OF MATERIAL				
ITEM	QTY	P/N	ITEM	ITEM
1	1	4080004	Shell	Filament Wound, Epoxy FRP
2	2	4080031	Bearing Plate	6061-T6 Aluminum, SB-221, Anodized
3	2	4080065-1	Sealing Plate	PVC
4	2	4080011-1	Feed / Concentrate Port	SST 316L, SA-312
5	2	6121187	Retaining Ring, F/C Port	SST 316L, SA-479
6	2	6184604-N	O-Ring Seal, F/C Port	EPDM
7	2	4080289	Permeate Port	Noryl GFN2
8	2	6100442MK	Head Seal	EPDM
9	2	6110229-N	Permeate Port Seal	EPDM
10	2	4080320	Retaining Ring w/Finger Pull	SST 316L, SA-479
11	2	6121200	Retaining Ring, Permeate Port	SST 316L, SA-479
12	2*[1]	4080174	Support Saddle	Thermoplastic Rubber
13	2	4080137	Strap Assembly	SST 316L
14	4	6150001	Strap Screw	SST 18-8
15	2	A/R	Adapter	Noryl GFN2 / Thermoplastic
16	1	4080043	Thrust Cone	PVC
17	2	6180326-N	Adapter Seal	EPDM
18	A/R	A/R	PWT Seal	EPDM
19	2	4080062-4	Shim, Adapter [5mm]	Noryl GFN2
20	2	4081441	Shim, Adapter [2mm]	Noryl GFN2

*[1] 3 each with shell length -4 and longer

NOTE: STANDARD PARTS ARE SHOWN FOR REFERENCE ONLY
CHECK ORIGINAL ORDER FOR ORDERING SPARE PARTS

NOTES:
FILAMENT-WOUND CLASS 1 VESSEL
DESIGN PRESSURE : 600 PSI
HYDROTEST PRESSURE : 660 PSI
MAX. DESIGN TEMPERATURE : 120 °F
MIN. DESIGN TEMPERATURE : 20 °F
IMPACT TESTING : EXEMPT
CORROSION ALLOWANCE : NONE
FLUID SERVICE : BRACKISH WATER
DIMENSIONS IN INCHES (MM APPROX.)
FOR REFERENCE ONLY, NOT TO BE USED FOR CONSTRUCTION UNLESS CERTIFIED.
SHIMMING OF THE SADDLES MAY BE REQUIRED.
CENTER VESSEL ON 2 OR 3 SUPPORTS AT SPAN(S) "S".
INCORRECT MANIFOLDING WILL CAUSE SEVERE LOCAL STRESS AROUND PORT AND MAY RESULT IN LEAKS AND PREMATURE FAILURE. TAKE EVERY PRECAUTION LISTED IN THE ENGINEERING PACKET OR USERS MANUAL.
INTERNAL PERMEATE PRESSURE MUST NOT EXCEED 125 PSI.
ASME SECTION X 2025, RP/NB STAMP REQUIRED FOR CRN
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

AMERICA PROTEC arisawa

ENGR			
MK 09/24/2025	PRO 8-600-EP		
QLTY TS 09/24/2025			
MRKT KK 09/24/2025	ECO 20163	REVISED 09/26/2025	DRAWING 101010	REV M