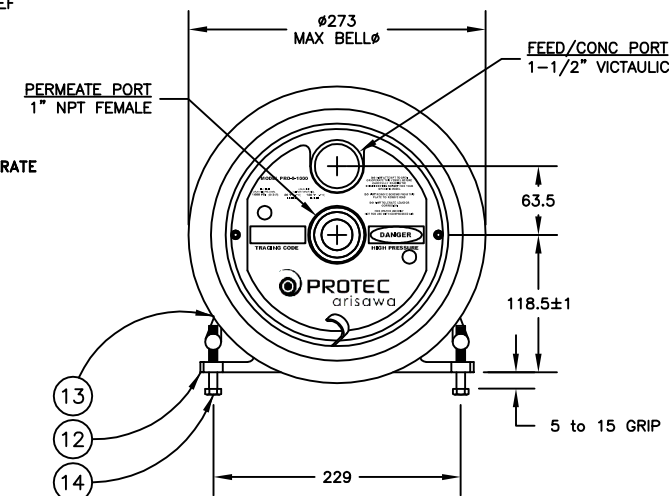




Design Pressure = 1000 PSI @ 120 °F
Min. Design Temperature = 20 °F @ 1000 PSI
Hydrotest Pressure = 1100 PSI

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DIMENSIONS IN MM.

FOR REFERENCE ONLY, NOT TO BE USED FOR CONSTRUCTION UNLESS
CERTIFIED

CENTER VESSEL ON 2 OR 3 SUPPORTS AT SPAN(S) "S". 3 SUPPORTS
REQUIRED FOR LENGTHS -7 AND OVER

INCORRECT MANIFOLDING WILL CAUSE SEVERE LOCAL STRESS AROUND PORT AND MAY RESULT IN LEAKS AND PREMATURE FAILURE. TAKE EVERY PRECAUTION LISTED IN THIS PACKET.

INTERNAL PERMEATE PRESSURE MUST NOT EXCEED 125 PSI.

ASME SECTION X, RP CODE STAMP OPTIONAL

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



PRO 8-1000-EP

ENGR BOA 6/06/16	PRO 8-1000-EP			
QLTY AL 6/06/16				
MRKT GCM 6/06/16	ECO 15082	REVISED 12/06/17	DRAWING 101011	REV S

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080005	Shell	Filament Wound, Epoxy FRP
2	2	4080033	Bearing Plate	6061-T6 Aluminum, Hard Anodized
3	2	4080752	Sealing Plate	Noryl
4	2	4080073-1	Feed/Concentrate Port	St.Steel S32750
5	2	6121187	Retaining Ring, F/C Port	Stainless Steel, 316L
6	2	6110225N	Seal, F/C Port	Ethylene Propylene
7	2	4080378	Permeate Port	Noryl
8	2	610442MK	Head Seal	Ethylene Propylene
9	2	6180229N	Permeate Port Seal	Ethylene Propylene
10	2	4080320	Retaining Ring w/ Finger Pull	Stainless Steel, 316
11	2	6121200	Retaining Ring, Permeate Port	Stainless Steel, 316
12	2*	4080175	Support Saddle	Thermoplastic Rubber
13	2	4080800	Strap Assembly [M8]	Stainless Steel, 316
14	4	6150072	Strap Screw [M8x70mm]	Stainless Steel, A4
15	2	5080074	Membrane Adapter	Noryl
16	1	4080165	Thrust Cone	PVC Thermoplastic
17	2	6180326N	Adapter Seal	Ethylene Propylene
18	4	6180119N	PWT Seal	Ethylene Propylene
19	2	4080062-4	Shim, Adapter [5mm]	Noryl
20	2	4080704	Shim, Adapter [2mm]	Noryl

*3 each with shell length ≥ 4 and longer

Shell Length Code	L mm	S Span mm	Empty Weight kg
-1	1651	1@635	37
-1.5	2159	1@1067	44
-2	2667	1@1422	51
-3	3683	1@2032	63
-4	4699	2@1626	77
-5	5715	2@1981	90
-6	6731	2@2337	103
-7	7749	2@2692	116
-7.5	8257	2@2896	123
-8	8765	2@3048	129