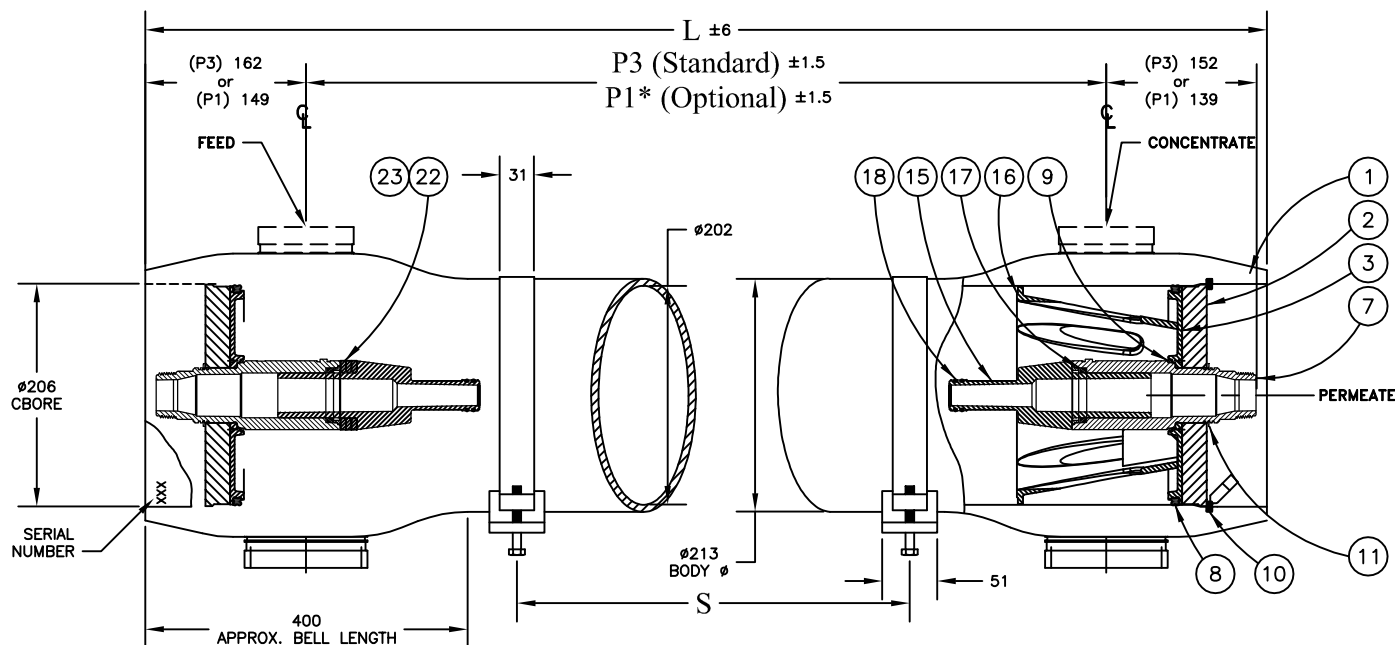


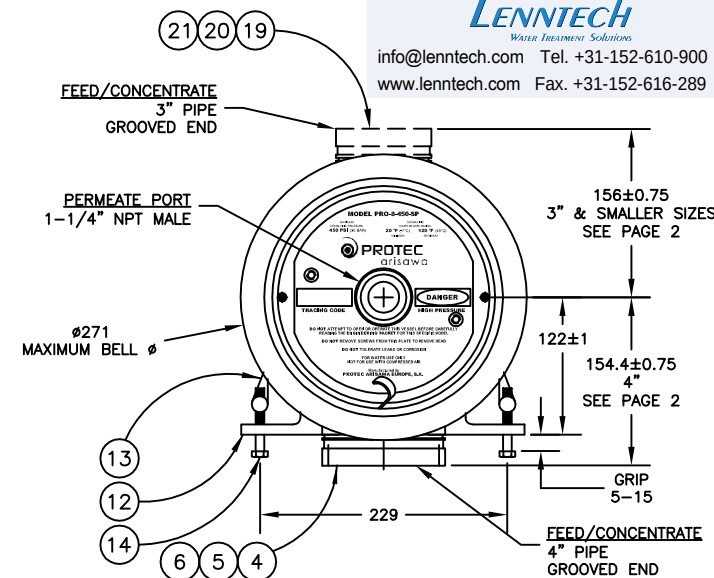


Design Pressure = 450 PSI @ 120 °F
Min. Design Temperature = 20 °F @ 450 PSI
Hydrotest Pressure = 495 PSI

450 PSI
MEGA
SIDE PORT

LENNTECH
WATER TREATMENT SOLUTIONS

info@lennotech.com Tel. +31-152-610-900
www.lennotech.com Fax. +31-152-616-289



NOTES:

DIMENSIONS IN MM.

FOR REFERENCE ONLY, NOT FOR CONSTRUCTION UNLESS CERTIFIED

SHIMMING OF THE SADDLES MAY BE REQUIRED

CENTER VESSEL ON 2 SUPPORTS AT SPAN(S) "S". OPTIONAL 3 POINT SUPPORT QUOTED SEPARATELY FOR SHELL LENGTHS -4 AND LONGER.

INCORRECT MANFOLDING 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

PROTEC
arisawa

PRO 8-450-MSP

ENGR
BOA
21/10/16
QTY
AL
21/10/16
MRKT
GCM
21/10/16

ECO
15082
REVISED
21/10/16
DRAWING
101023
REV
R

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080223	Shell	Filament Wound, Epoxy FRP
2	2	4080030	Bearing Plate	6061-T6 Aluminum, Hard Anodized
3	2	4080177-3	Sealing Plate	Noryl
4	2	4080912	Feed/Concentrate Port 4", "L"	Stainless Steel, 316L [Offset=154.4mm]
5	4	6201450	Retaining Ring, F/C Port 4", "L"	Stainless Steel, 316L
6	2	6180348N	O-Ring, F/C Port 4", "L"	Ethylene Propylene
7	2	4080309	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, 316L
11	2	6121200	Retaining Ring, Permeate Port	Stainless Steel, 316L
12	2*	4080174	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	4080165-1	Thrust Cone	PVC Thermoplastic
17	2	6180326N	Adapter Seal	Ethylene Propylene
18	4	6180119N	PWT Seal	Ethylene Propylene
19	2	4080254	Feed/Concentrate Port 3", "K"	Stainless Steel, 316L [Offset=156mm]
20	4	6201343	Retaining Ring, F/C Port 3", "K"	Stainless Steel, 316L
21	2	6188504N	O-Ring, F/C Port 3", "K"	Ethylene Propylene
22	2	4080062-4	Shim, Adapter [5mm]	Noryl
23	2	4080704	Shim, Adapter [2mm]	Noryl

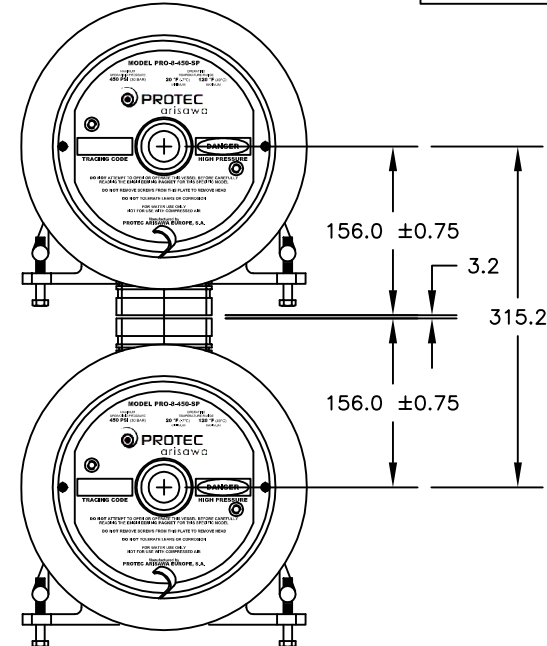
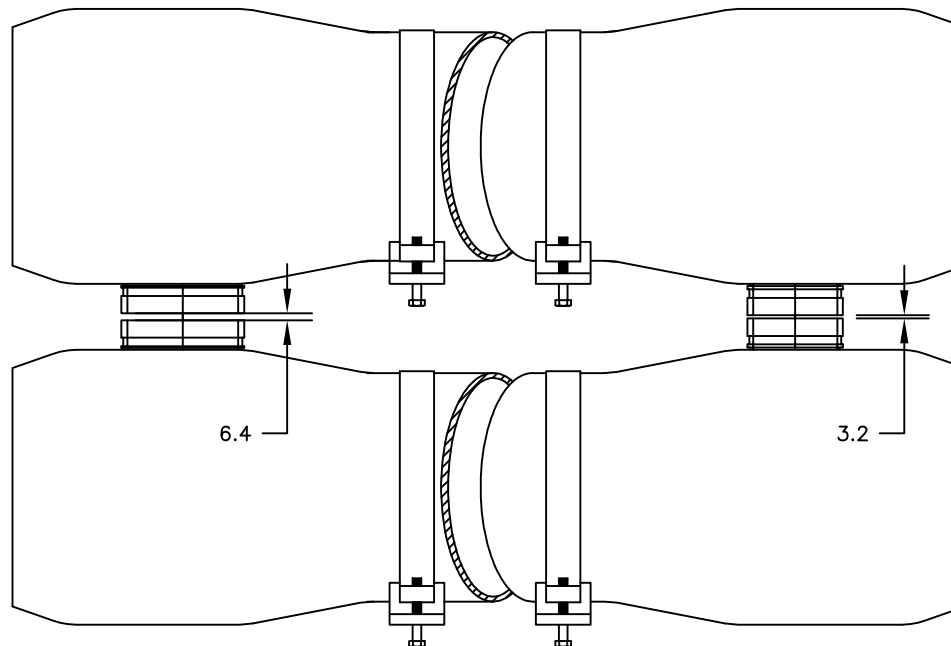
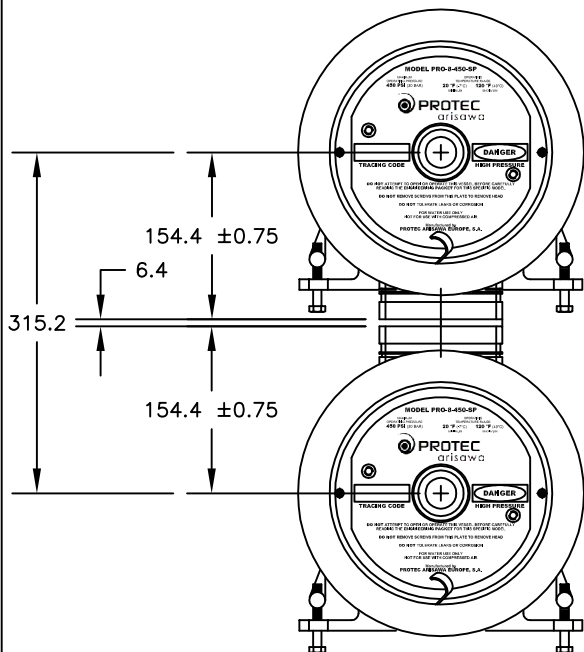
*3 each with shell length -4 and longer

Shell Length Code	L mm	P3 Std. mm	P1 not acceptable for 4" side port mm	S Standard Span mm	Empty Weight kg
-1	1492	1168.4	1194	1@635	49
-1.5	2000	1676.4	1702	1@1067	53
-2	2508	2184.4	2210	1@1422	56
-3	3524	3200.4	3226	1@2032	64
-4	4540	4216.4	4242	2@1626	70
-5	5556	5232.4	5258	2@1981	77
-6	6572	6248.4	6274	2@2337	84
-7	7587	7264.4	7290	2@2692	92
-7.5	8096	7772.4	7798	2@2896	96
-8	8603	8280.4	8306	2@3048	99

SIDE PORT 4"

SIDE PORT 3" or
SMALLER

450 PSI
MEGA
SIDE PORT



IPS GROOVED END
ALLOWABLE PIPE END
SEPARATION:
4" VICTAULIC : 6,4mm
3" VICTAULIC : 3,2mm
2.5" VICTAULIC : 3,2mm
2" VICTAULIC : 3,2mm
1.5" VICTAULIC : 3,2mm

NOTES:

DIMENSIONS IN MM.

FOR REFERENCE ONLY, NOT FOR CONSTRUCTION UNLESS CERTIFIED

SHIMMING OF THE SADDLES MAY BE REQUIRED

CENTER VESSEL ON 2 SUPPORTS AT SPAN(S) "S". OPTIONAL 3 POINT SUPPORT QUOTED SEPARATELY FOR SHELL LENGTHS -4 AND LONGER.

INCORRECT MANFOLDING 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

PROTEC
arisawa

PRO 8-450-MSP

ENGR
BOA
21/10/16
QLTY
AL
21/10/16
MRKT
GCM
21/10/16

ECO
15082

REVISED
21/10/16

DRAWING
101023

REV
R

Munguia Facility