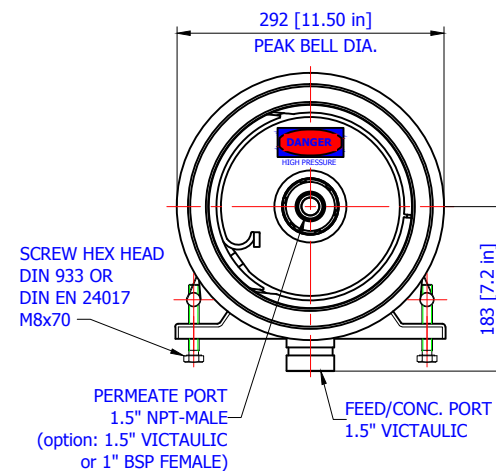




Notes:

1. **All dimensions are for reference only, not for construction unless certified.**
2. Item 14 & 15 should be located on feed side.
3. Drawing unit: mm. (inches)
4. Saddles can be shimmed if required.
5. Do not scale drawing, may be reprinted on any paper size or copied.
6. **Length between ports (P) can be changed to adapt old dimension - with customer's special request.**
7. **The vessel is supplied with two strap assembly.**

Item	Part number	Q-ty	Title	Material
1	811500-0	1	Body of Pressure Vessel	Glass/Epoxy
2	040-155-1500	2	F/C Port 1.5"	Super Duplex Stainless Steel
3	006-156-1203	2	Disk for side port	Metal plate
4	014-150-0506	2	Seal for side port	EPDM
5	011-150-1202	4	Retaining ring for side port	Stainless steel
6	285154226	2	Support ring	Stainless steel
7	011-801-1202	2	Retaining ring (finger hook)	Stainless steel
8	285213008	2	Metal cap	Metal plate
9	285779010/v/g	2	End cap	Engineering plastic
10	007-080-0092	2	Seal for End cap	EPDM
11	285773918	2	Seal for Adapter	EPDM
12	As required	2	Adapter	Engineering plastic
13	As required	2-4	Membrane seal	EPDM
14	285779231	0-3	Disk spacer - 1 mm.	Engineering plastic
15	285779233	0-7	Disk spacer - 3 mm.	Engineering plastic
16	55410310	2	Strap Assy.	Stainless steel
17	55410351	2-3	Saddle	Engineering plastic

	TITLE	DESIGN	Daria P.	10/11/2011
	BEL 8-S-1500 psi. RO PRESSURE VESSEL	CHECK	Yuri V.	10/11/2011
	DRAWING No. 8s15-1500	APPR.	Ari A.	10/11/2011
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Warning.

1. Never pressurize a pressure vessel that was not loaded with membrane elements.
2. Wrong manifolding may effect an excessive load on port what can lead to leaks.
3. Max. allowable working pressure not to exceed 1500 psi. (103.4 bar).
4. Permeate internal pressure not to exceed 125 psi. (8.6 bar).
5. Operating temperature not to exceed 49°C (120°F).

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Shell length code	L (l.o.a.) <u>mm.</u> inch	P, port to port <u>mm.</u> inch	S# (span) <u>mm.</u> inch	M, mm/in length for membranes elements	W weight <u>kg.</u> lb.	Article number
1	1698	1194	710	1032	84.9	811500-1
	66.9	47	28	40.6	187.2	
2	2714	2210	1550	2048	109.7	811500-2
	106.9	87	61	80.6	241.9	
3	3730	3226	2550	3064	134.5	811500-3
	146.9	127	100	120.6	296.6	
4	4746	4242	3250	4080	159.3	811500-4
	186.9	167	128	160.6	351.4	
5	5762	5258	4250	5096	184.2	811500-5
	226.9	207	167	200.6	406.1	
6	6778	6274	5250	6112	209	811500-6
	266.9	247	207	240.6	460.8	
7	7794	7290	6250	7128	233.8	811500-7
	306.9	287	246	280.6	515.5	
8	8810	8306	7250	8144	258.6	811500-8
	346.9	327	285	320.6	570.3	