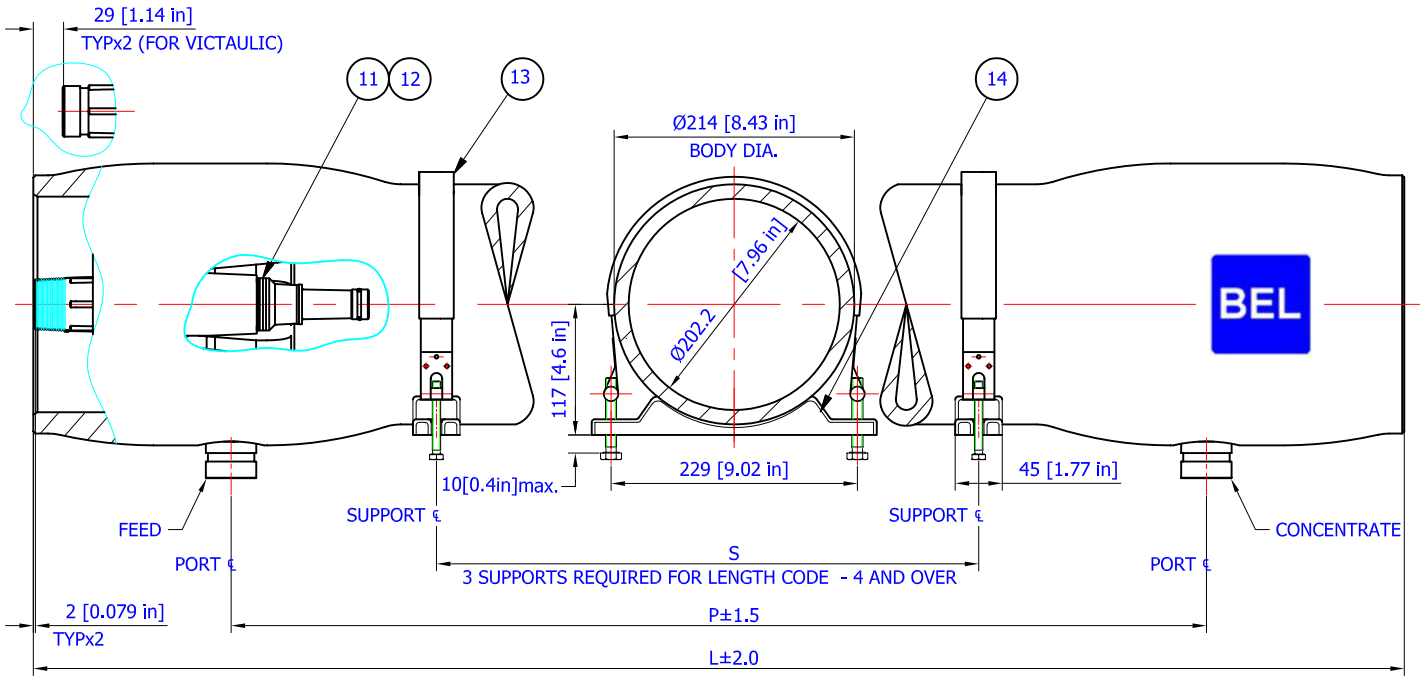
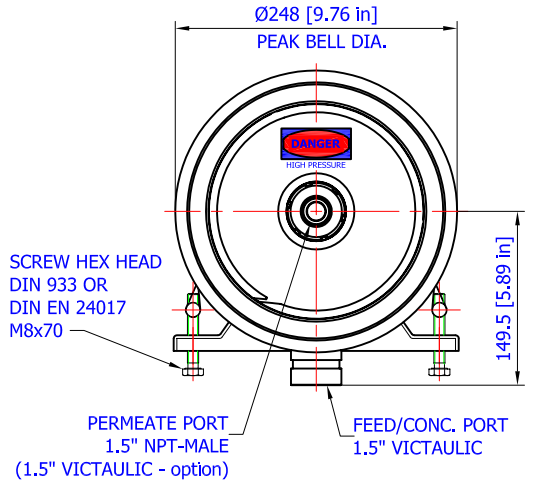
GENERAL DRAWING





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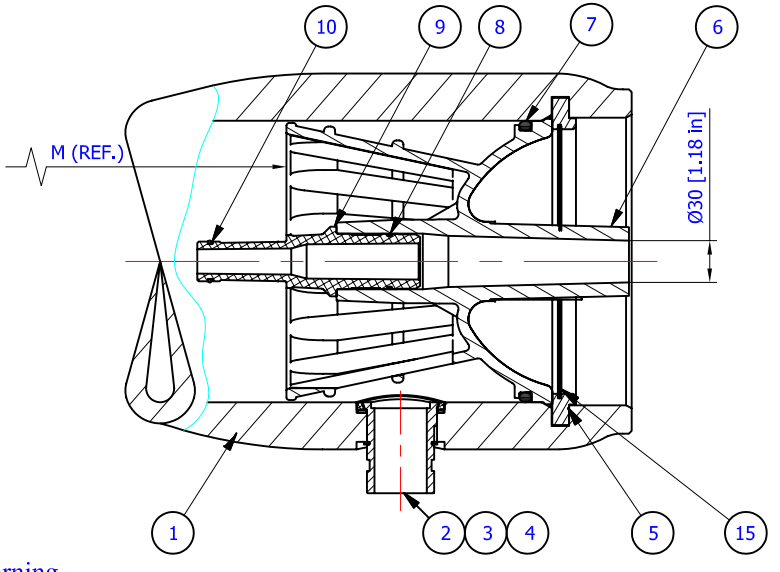
This drawing is an integral part of the general statement of use and technical manual

Shell length code	L (l.o.a.) mm. inch	P, port to port mm. inch	S # (span) mm. inch	M, mm/in length for membranes elements	W weight kg. lb.	Article number
1	1526	1194	710	1032	35.1	81-LPC-1
	60.1	47	28	40.6	77.3	
2	2542	2210	1550	2048	44.7	81-LPC-2
	100.1	87	61	80.6	98.7	
3	3558	3226	2550	3064	54.4	81-LPC-3
	140.1	127	100	120.6	120	
4	4574	4242	3250	4080	64.1	81-LPC-4
	180.1	167	128	160.6	141.3	
5	5590	5258	4250	5096	73.8	81-LPC-5
	220.1	207	167	200.6	162.6	
6	6606	6274	5250	6112	83.4	81-LPC-6
	260.1	247	207	240.6	184	
7	7622	7290	6250	7128	93.1	81-LPC-7
	300.1	287	246	280.6	205.3	
8	8638	8306	7250	8144	102.8	81-LPC-8
	340.1	327	285	320.6	226.6	



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 290 psi. (20 bar).
4. Permeate internal pressure not to exceed 125 psi. (8.6 bar).
5. Operating temperature not to exceed 49°C (120°F).

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.**

Item	Part number	Q-ty	Title	Material
1	81300-0	1	Body of Pressure Vessel	Glass/Epoxy
2	285033015	2	F/C Port 1.5"	Glass/Engineering plastic
3	55410470	2	Seal for side port	EPDM
4	55412335	2	Retaining ring for side port	Stainless steel
5	285034015	2	Support ring	Engineering plastic
6	285779010/v	2	End cap	Engineering plastic
7	007-080-0092	2	Seal for End cap	EPDM
8	55412352	2	Seal for Adapter	EPDM
9	As required	2	Adapter	Engineering plastic
10	As required	2	Membrane seal	EPDM
11	285779231	0-3	Disk spacer - 1 mm.	Engineering plastic
12	285779233	0-7	Disk spacer - 3 mm.	Engineering plastic
13	55410310	2-3	Strap Assy.	Stainless steel
14	55410351	2-3	Saddle	Engineering plastic
15	285779002	2	Retaining ring	Stainless steel

BEL	TITLE: BEL 8-S-LPC RO PRESSURE VESSEL	DESIGN	Irit G.	12/11/2008
		CHECK	Yuri V.	12/11/2008
DRAWING No. 8s15-LPC	CATALOG No. 8s15-LPC	APPR.	Ari A.	12/11/2008

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