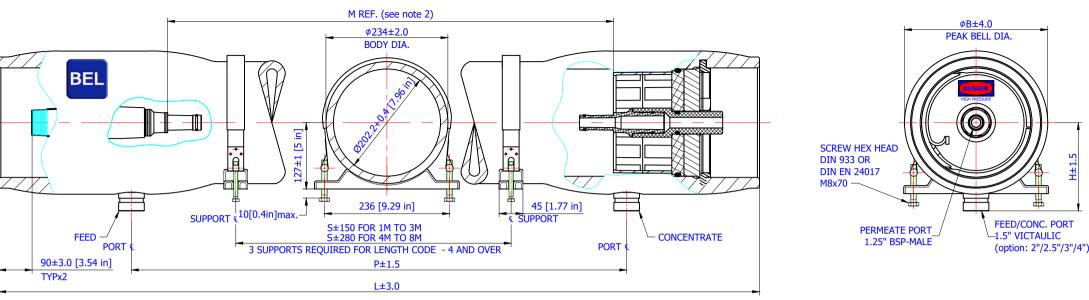
## GENERAL DRAWING



Membranes	Length between ports, supports & internal space for membranes elements, mm./inch								
quantity	1	2	3	4	5	6	7	8	
P, port to port	1194	2210	3226	4242	5258	6274	7290	8306	
	47	87	127	167	207	247	287	327	
S, supports span	500	1500	2500	3250	4250	5250	6250	7250	
	19.7	59.1	98.4	128	167.3	206.7	246.1	285.4	
M, space of	1032	2048	3064	4080	5096	6112	7128	8144	
membranes	40.6	80.6	120.6	160.6	200.6	240.6	280.6	320.6	

Membranes	L (Length of pressure vessels), mm./inch								
quantity	1	2	3	4	5	6	7	8	
1500 (103.4)	1704	2720	3736	4752	5768	6784	7800	8816	
1500 (105.4)	67.1	107.1	147.1	187.1	227.1	267.1	307.1	347.1	

## Warning.

- 1. Never pressurize a pressure vessel that was not loaded with membrane elements.
- 2. Wrong manifolding may cause 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).

## Notes:

- 1. All dimensions are for reference only, not for construction unless certified.
- 2. For membranes shimming (if needed) use disks spacers on feed side of the vessels.
- 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. The vessel is supplied with two strap assembly.

7. Ports with special height (H) in vessel and Length between ports (P) can be changed to adapt <u>old</u> dimension - with customer's <u>special</u> request. 8. Storage & installation: Indoor.

B (Peak bell diameter), mm./inch								
Side port dia. 1.5" 2" 2.5" 3"				4"				
1500 (103.4)	292	302	305	312	318			
1500 (105.4)	11.50	11.89	12.01	12.28	12.52			

	H (Height of side port), mm./inch					
Side port dia.	1.5"	2"	2.5"	3"	4"	
1500 (103.4)	183	183	183	183	188	
1500 (105.4)	7.20	7.20	7.20	7.20	7.40	

BEL 8" Side Port 1500 PSI	BEL 8" Side Port 1500 PSI			18/01/2019	
RO PRESSURE VESSEL		CHECK	JMEP	18/01/2019	
BEL8-S-PV-1500	APPR.	MAF	18/01/2019		
THIS DRAWING IS PROPERTY OF BEL GROUP LIMITED IT IS STRICTLY FORBIDDEN TO USE, COPY, REPRODUCE OR DISCLOSE ANY PART OF IT TO THIRD PARTY WITHOUT WRITTEN AUTHORIZATION.					