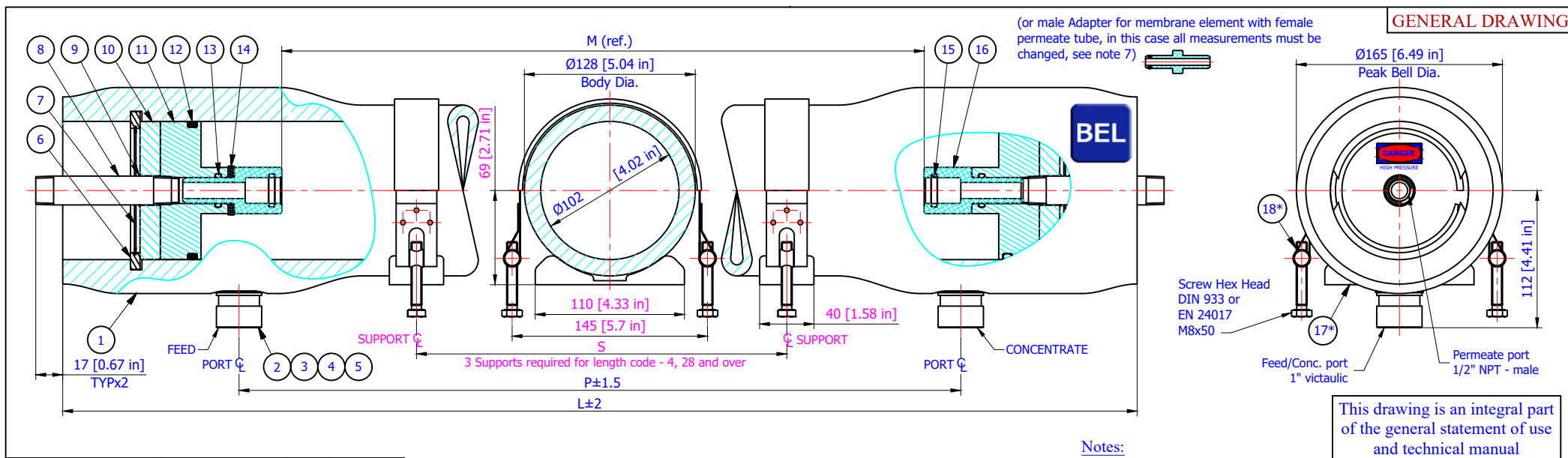




Shell length code	L (l.o.a.) mm. inch	P (port to port) mm. inch	S # (span) mm. inch	M, mm/in length for membranes elements	W weight kg. lb.	Article number
21	805	540	180	485	13	411501-21
22	1339	1073,5	650	1018,5	19	411501-22
23	1872	1607	1200	1552	24	411501-23
24	2406	2140,5	1700	2085,5	29	411501-24
25	2940	2675	2200	2620	34	411501-25
26	3474	3208,5	2700	3153,5	40	411501-26
27	4009	3743,5	3200	3688,5	45	411501-27
28	4543	4278	3700	4223	50	411501-28
29	5078	4813	4200	4758	55	411501-29
30	5613	5347,5	4700	5292,5	61	411501-30
31	6148	5883	5200	5828	66	411501-31
32	6682	6416,5	5700	6361,5	71	411501-32

Table №1 for membrane length 21" (533.4mm.).
Table №2 for membrane length 40" (1016mm.).

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 (with membrane type)		W weight kg. lb.	Article number
1	1290	1024	620	1020	970	18	411500-1
2	2306	2040	1550	2036	1986	28	411500-2
3	3322	3056	2550	3052	3002	38	411500-3
4	4338	4072	3250	4068	4018	48	411500-4
5	5355	5089	4250	5085	5035	58	411500-5
6	6373	6107	5250	6103	6053	68	411500-6

Warning.

- Never pressurize a pressure vessel that was not loaded with membrane elements.
- Wrong manifolding may cause an excessive pressure on port what can lead to leaks.
- Max. allowable working pressure not to exceed 1500 psi. (103.4 bar).
- Permeate internal pressure not to exceed 125 psi. (8.6 bar).
- Operating temperature not to exceed 65°C (150°F).

Item	Part Number	Q-ty	Description	Material
1	411500-0...6(32)	1	Body of Pressure Vessel	Glass/Epoxy
2	009-107-1500	2	Sideport 1"	Super Duplex Stainless steel
3	006-116-1202	2	Disk for Sideport 1"	Stainless steel
4	014-100-0505	2	Seal for Sideport 1"	EPDM
5	011-100-1203	4	R.Ring for Sideport 1"	316 Stainless steel
6	005-416-1500	2	Support Ring	316 Stainless steel
7	011-401-1202	2	Retaining ring for S.Ring	316 Stainless steel
8	008-400-1215	2	Permeate tube	Engineering plastic
9	55412369	2	R.Ring for permeate tube	316 Stainless steel
10	003-423-1215	2	Base plate	316 Stainless steel
11	003-400-0005	2	Sealing plate	Engineering plastic
12	55412360	2	Seal for sealing plate	EPDM
13	55412367	2	Seal for adapter	EPDM
14	55412377	0-6	Disk spacer	Engineering plastic
15	as required	2	Membrane seal	EPDM
16	as required	2	Membrane Adapter	Engineering plastic
Vessel support parts - optional				
17*	55410352	2-3	Saddle	Engineering plastic
18*	55410246	2	Strap	Stainless steel
BEL BEL4-S(1")-1500 psi. RO PRESSURE VESSEL				DESIGN VMLS 29/08/2025 CHECK SRS 29/08/2025 APPR. VMLS 29/08/2025
BEL BEL4-S(1")-1500				REV.: 1

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ORDER / R.F.Q. FORM - 4" SIDE PORT PRESSURE VESSELS

Please fill and send it to your contact at BEL

P.O. / R.F.Q. Number:

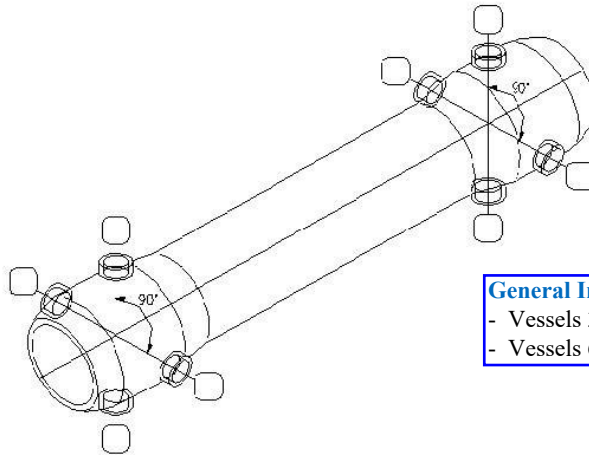
Customer name:

1. F/C PORTS CONFIGURATION: Please indicate side port requirement on each side of the vessel
(Mark the letter indicating port diameter in the box at each required port location)

A – 1" Victaulic B – 1.5" Victaulic (Except for 1500 psi models)

Vessel's Port diameters, according to ANSI Standards.

(Ports with a diameter of 1.5" cannot be mounted in 90° with any other port)



General Information for Permeate ports:

- Vessels 300 psi & 450 psi: ½" NPT Female.
- Vessels 600 psi up to 1500 psi: ½" NPT Male.

2. NUMBER OF VESSELS:

(Please use separate forms for each type in case of multi-type orders)

3. WORKING PRESSURE RATE (PSI): 300 / 450 / 600 / 1,000 / 1,200 / 1500

4. NUMBER OF MEMBRANE ELEMENTS IN EACH VESSEL:

For 40" membranes length: (1to 6)

For 21" membranes length: (1 to 12)

5. MEMBRANE BRAND AND TYPE:

6. CONFIRM TYPE – BEL4-S- (x) - - M

of ports diam. Port pressure #membranes

7. SADDLES & STRAPS (Optional): NO / YES (please contact for pricing)

8. ADAPTERS OPTIONS: Two Standard adapters / Standard & Solid (blind) adapter

9. COLOR: Standard (white, RAL 9010) / Other RAL number: (contact for pricing)

Customer signature:

Date:

FOR DETAILS PLEASE VISIT OUR WEBSITE: www.belvessels.com