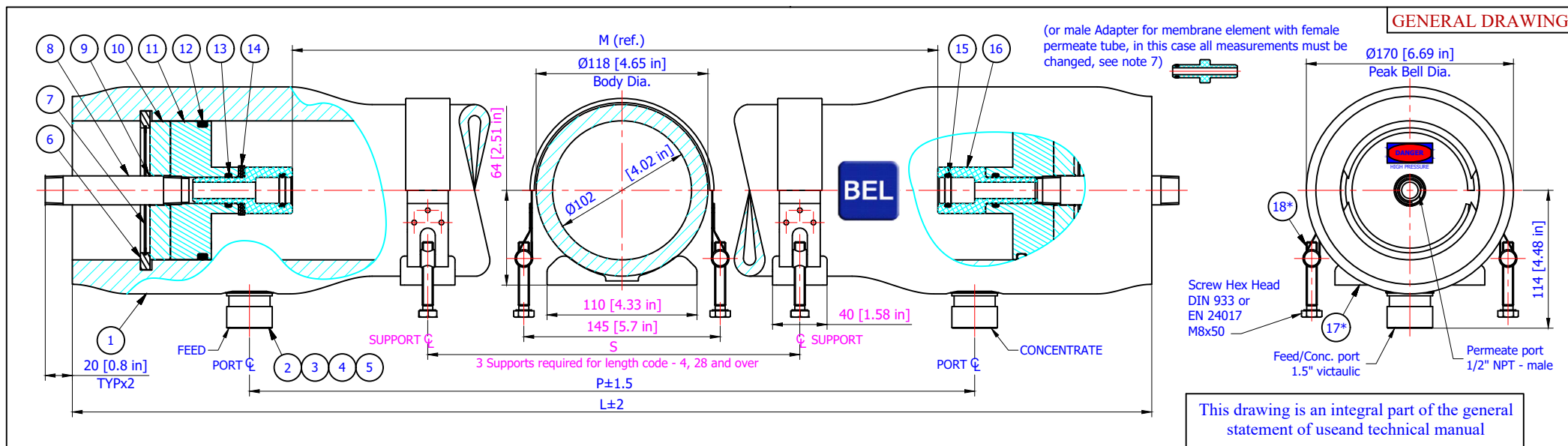




Shell length code	L (l.o.a.) mm inch	P (port to port) mm inch	S # (span) mm inch	M, mm/in length for membranes elements	W weight kg. lb.	Article number
22	1375	1092	420	1019	18	42601-22
	54,1	43,0	16,54	40,1	40	
23	1908	1626	950	1552	21	42601-23
	75,1	64,0	37,40	61,1	46	
24	2442	2159	1400	2086	24	42601-24
	96,1	85,0	55,12	82,1	53	
25	2976	2694	1900	2620	27	42601-25
	117,2	106,1	74,80	103,1	60	
26	3510	3228	2400	3154	30	42601-26
	138,2	127,1	94,49	124,2	66	
27	4045	3762	2900	3689	33	42601-27
	159,3	148,1	114,17	145,2	73	
28	4579	4297	3400	4223	37	42601-28
	180,3	169,2	133,86	166,3	82	
29	5114	4832	3900	4758	40	42601-29
	201,3	190,2	153,54	187,3	88	
30	5649	5367	4400	5293	43	42601-30
	222,4	211,3	173,23	208,4	95	
31	6184	5902	4900	5828	46	42601-31
	243,5	232,4	192,91	229,4	101	
32	6718	6435	5400	6362	49	42601-32
	264,5	253,3	212,60	250,5	108	

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	1326	1044	380	1020	970	20	42600-1
	52,2	41,1	15	40,2	38,2	44	
2	2342	2060	1350	2036	1986	25	42600-2
	92,2	81,1	53	80,2	78,2	55	
3	3358	3076	2300	3052	3002	31	42600-3
	132,2	121,1	91	120,2	118,2	68	
4	4374	4092	3250	4068	4018	37	42600-4
	172,2	161,1	128	160,2	158,2	82	
5	5391	5109	4250	5085	5035	43	42600-5
	212,2	201,1	167	200,2	198,2	95	
6	6409	6127	5250	6103	6053	49	42600-6
	252,3	241,2	207	240,3	238,3	108	

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 600 psi. (41.4 bar).
- Permeate internal pressure not to exceed 125 psi. (8.6 bar).
- Operating temperature not to exceed 65°C (150°F).

Notes:

- All dimensions are for reference only, not for construction unless certified.
- *Item 17 & 18 are optional. Delivered upon request. Priced separately.
- Drawing unit: mm. (inches).
- Saddles can be shimmed if required.
- Do not scale drawing, may be reprinted on any paper size or copied.
- The vessel should be supported with two straps for external saddles.
- For further information please contact BEL.
- Storage & installation: Indoor.
- Vessel's ports diameters according to ANSI Standards.

Item	Part Number	Q-ty	Description	Material
1	42600-0	1	Body of Pressure Vessel	Glass/Epoxy
2	040-156-0604	2	Sideport 1.5"	Stainless steel
3	014-150-0506	2	Seal for Sideport 1.5"	EPDM
4	006-156-1203	2	Disk for Sideport 1.5"	Stainless steel
5	011-150-1202	4	R.Ring for Sideport 1.5"	Stainless steel
6	005-461-1200	2	Support Ring	Aluminium
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 port	316 Stainless steel
10	003-420-1215	2	Base plate	Aluminium
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 LONG	Engineering plastic

Vessel support parts - optional -

17*	55410352	2-3	Saddle	Engineering plastic
18*	55410246	2	Strap	Stainless steel

	TITLE: BEL4-S(1.5")-600 psi. RO PRESSURE VESSEL		DESIGN	VMLS	28/08/2025
			CHECK	SRS	28/08/2025
DRAWING NO:	BEL4-S(1.5")-600		APPR.	VMLS	28/08/2025
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.					REV.: 1

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:

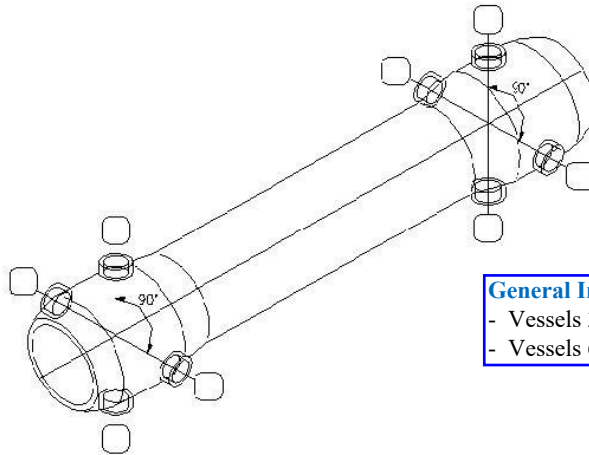
Customer name:

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: (1 to 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