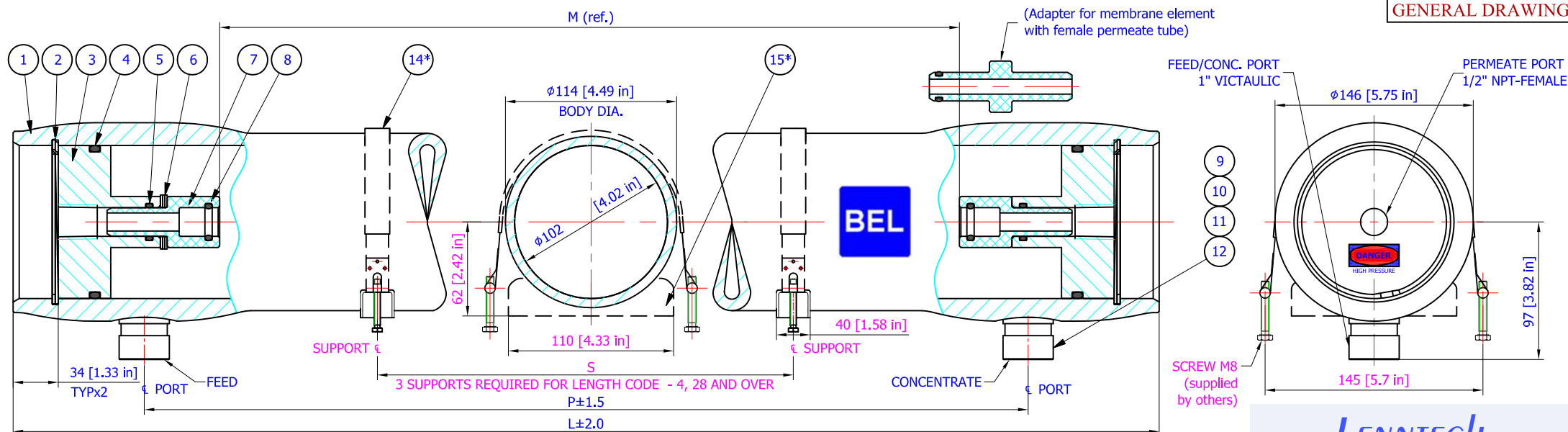




This drawing is an integral part of the general statement of use and technical manual

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

- Notes:**
1. All dimensions are for reference only, not for construction unless certified.
 2. * - *Item 14 & 15 are optional. Delivered upon request. Priced separately.*
 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.

Item	Part number	Q-ty	Title	Material
1	41450-0	1	Body of Pressure Vessel	Glass/Epoxy
2	55410208	1	Retaining ring	316 stainless steel
3	003-400-0005	2	Base plate	Engineering plastic
4	55412360	2	Seal for base plate	EPDM
5	55412367	2	Seal for Adapter	EPDM
6	55412377	0-6	Disk spacer	Engineering plastic
7	As required	2	Adapter	Engineering plastic
8	As required	2	Membrane seal	EPDM
9	009-106-0450	2	F/C Port	316 stainless steel
10	014-100-0505	2	Seal for F/C Port	EPDM
11	006-112-1202	2	Disk for F/C Port	304 stainless steel
12	011-100-1202	4	Retaining ring	316 stainless steel
13	-	-	-	-

- Vessel support parts - optional -

14 *	55410246	2	Strap	316 stainless steel
15 *	55410352	2-3	Saddle	Engineering plastic

BEL	TITLE		DESIGN	NAME	DATE
	BEL 4-S-450 psi. RO PRESSURE VESSEL		CHECK	Yuri V.	10/11/2011
DRAWING No.		BEL 4-S-450	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 pressure on port what can lead to leaks.
3. Max. allowable working pressure not to exceed 450 psi. (31 bar).
4. Permeate internal pressure not to exceed 125 psi. (8.6 bar).
5. Operating temperature not to exceed 49°C (120°F).

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	763 30.0	584 23.0	410 16	485 19.1	6 13	41451-21
22	1296.5 51.0	1117.4 44.0	940 37	1018.5 40.1	8 18	41451-22
23	1830 72.0	1650.8 65.0	1480 58	1552 61.1	11 24	41451-23
24	2363.5 93.1	2184.2 86.0	2000 79	2085.5 82.1	14 30	41451-24
25	2898 114.1	2717.6 107.0	2540 100	2620 103.1	16 35	41451-25
26	3431.5 135.1	3251 128.0	3070 121	3153.5 124.2	19 41	41451-26
27	3966.5 156.2	3784.4 149.0	3600 142	3688.5 145.2	21 47	41451-27
28	4501 177.2	4317.8 170.0	4140 163	4223 166.3	24 53	41451-28
29	5036 198.3	4851.2 191.0	4670 184	4758 187.3	26 58	41451-29
30	5570.5 219.3	5384.6 212.0	5200 205	5292.5 208.4	29 64	41451-30
31	6106 240.4	5918 233.0	5740 226	5828 229.4	32 70	41451-31
32	6639.5 261.4	6451.4 254.0	6270 247	6361.5 250.5	34 75	41451-32