

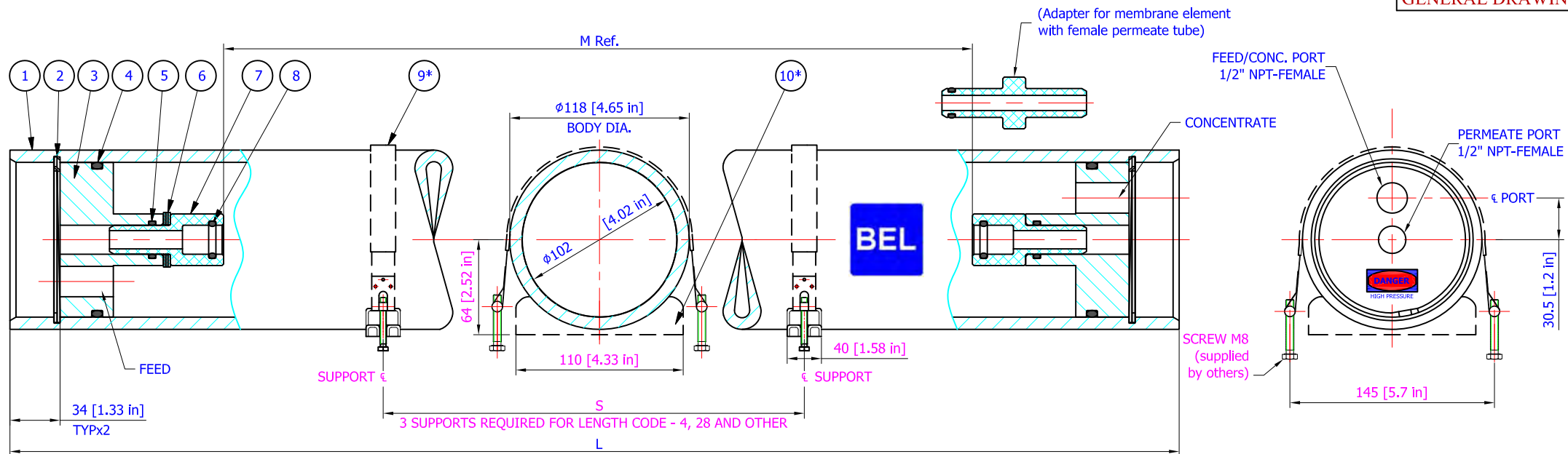


Table №2
for membrane length 21" (533.4 mm.).

Shell length code	L (l.o.a.) mm. inch	S# (span) mm. inch	M, mm/in length for membrane elements	W weight kg. lb.	Article number
25	2858 112.5	2200 87	2620 103.1	20 44	40451-25
26	3392 133.5	2700 106	3153.5 124.2	23 51	40451-26
27	3927 154.6	3200 126	3688.5 145.2	27 59	40451-27
28	4461 175.6	3700 146	4223 166.3	30 67	40451-28
29	4996 196.7	4200 165	4758 187.3	34 75	40451-29
30	5531 217.7	4700 185	5292.5 208.4	37 83	40451-30
31	6066 238.8	5200 205	5828 229.4	41 90	40451-31
32	6600 259.8	5700 224	6361.5 250.5	44 98	40451-32

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

Shell length code	L (l.o.a.) <u>mm.</u> inch	S # (span) <u>mm.</u> inch	M, mm/in length for membranes elements (with membrane type)		W weight <u>kg.</u> lb.	Article number
						
3	3240	2550	3052	3002	22	40450-3
	127.6	100	120.2	118.2	49	
4	4256	3250	4068	4018	29	40450-4
	167.6	128	160.2	158.2	64	
5	5273	4250	5085	5035	36	40450-5
	207.6	167	200.2	198.2	79	
6	6291	5250	6103	6053	42	40450-6
	247.7	207	240.3	238.3	94	

Notes:

1. All dimensions are for reference only, not for construction unless certified.
2. * - Items 9 & 10 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.

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).

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

Item	Part number	Q-ty	Title	Material
1	40450-1/2sh-ne	1	Body of Pressure Vessel	Glass/Epoxy
2	55410208	2	Retaining ring	316 stainless steel
3	003-400-0003	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
-Vessel support parts -optional -				
9 *	55410246	2	Strap	316 stainless steel
10 *	55410352	2	Saddle	Engineering plastic
BEL TITLE RO PRESSURE VESSEL BEL 4-E-450 (from 3 to 6 membrane elements).				DESIGN NAME DATE
DRAWING No. BEL4-E-450-3to6m-sh-ne				CHECK Yuri V. 10/11/2011
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.				APPR. Ari A. 10/11/2011
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