



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

Shell length code	L (l.o.a.) mm. inch	S # (span) mm. inch	M, mm/in length for membranes elements	W weight kg. lb.	Article number
1	1136	710	968	8	41450-1
	44.7	28	38.1	17	
2	2153	1550	1985	13	41450-2
	84.8	61	78.1	28	

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 membranes elements	W weight kg. lb.	Article number
21	648	508	480	5	41451-21
	25.5	20	18.9	12	
22	1182	1042	1014	8	41451-22
	46.5	41	39.9	17	
23	1717	1577	1549	10	41451-23
	67.6	62	61.0	23	
24	2253	2113	2085	13	41451-24
	88.7	83	82.1	29	

Notes:

1. All dimensions are for reference only, not for construction unless certified.
2. * - Items 7 & 8 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).

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	Membrane seal	EPDM

- Vessel support parts - optional -

6 *	55410246	2	Strap	316 stainless steel
7 *	55410352	2	Saddle	Engineering plastic

BEL	TITLE	DESIGN	NAME	DATE
	RO PRESSURE VESSEL BEL 4-E-450 (for 1 & 2 membrane elements).	CHECK	Yuri V.	30/07/2014
DRAWING No.	BEL4-E-450-1&2-sh-ne	APPR.	Ari A.	30/07/2014

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