



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	1128	710	968	8	41300-1
	44.4	28	38.1	17	
2	2145	1550	1985	12	41300-2
	84.4	61	78.1	27	

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	640	500	480	5	41301-21
	25.2	20	18.9	11	
22	1174	1034	1014	8	41301-22
	46.2	41	39.9	17	
23	1708.5	1569	1548.5	10	41301-23
	67.3	62	61.0	23	
24	2244	2104	2084	13	41301-24
	88.3	83	82.0	29	

Notes:

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

Warning.

- Never pressurize a pressure vessel that was not loaded with membrane elements.
- Wrong manifolding may effect an excessive pressure on port what can lead to leaks.
- Max. allowable working pressure not to exceed 300 psi. (20.7 bar).
- Permeate internal pressure not to exceed 125 psi. (8.6 bar).
- 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	40300-1/2sh-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-300 (for 1 & 2 membrane elements).	CHECK	Yuri V.	30/07/2014
DRAWING No.	BEL4-E-300-1&2-sh-ne	APPR.	Ari A.	30/07/2014

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