



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 (with membrane type)		W weight kg. lb.	Article number
3	3232	2550	3052	3002	22	40300-3
	127.2	100	120.2	118.2	49	
4	4248	3250	4068	4018	29	40300-4
	167.2	128	160.2	158.2	64	
5	5265	4250	5085	5035	36	40300-5
	207.3	167	200.2	198.2	79	
6	6283	5250	6103	6053	42	40300-6
	247.4	207	240.3	238.3	94	

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	2850	2200	2620	20	40301-25
	112.2	87	103.1	44	
26	3384	2700	3153.5	23	40301-26
	133.2	106	124.2	51	
27	3919	3200	3688.5	27	40301-27
	154.3	126	145.2	59	
28	4453	3700	4223	30	40301-28
	175.3	146	166.3	67	
29	4988	4200	4758	34	40301-29
	196.4	165	187.3	75	
30	5523	4700	5292.5	37	40301-30
	217.4	185	208.4	82	
31	6058	5200	5828	41	40301-31
	238.5	205	229.4	90	
32	6592	5700	6361.5	44	40301-32
	259.5	224	250.5	98	

Notes:

- All dimensions are for reference only, not for construction unless certified.
- * - Items 9 & 10 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	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		
	DESIGN	NAME	DATE
	RO PRESSURE VESSEL BEL 4-E-300 (from 3 to 6 membrane elements).	Yuri V.	30/07/2014
DRAWING No.	BEL4-E-300-3to6m-sh-ne	APPR. Ari A.	30/07/2014
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