



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	

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

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 300 psi. (20.7 bar).
4. Permeate internal pressure not to exceed 125 psi. (8.6 bar).
5. Operating temperature not to exceed 65°C (150°F).

Notes:

1. All dimensions are for reference only, not for construction unless certified.
2. * - *Item 6 & 7 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 should be supported with two straps for external saddles.
7. Storage & installation: Indoor.
8. Vessel's ports diameters according to ANSI Standards.

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

	TITLE	RO PRESSURE VESSEL BEL4-E-300 (for 1 & 2 membrane elements).	DESIGN	DMG	27/04/2020
	CHECK	JME	27/04/2020		
DRAWING NO:	BEL4-E-300-1&2-sh-ne		APPR.	MAF	27/04/2020
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