



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	903	410	485	10	40601-21
	35.6	16	19.1	22	
2	1437	940	1018.5	13	40601-22
	56.6	37	40.1	29	
3	1970	1480	1552	17	40601-23
	77.6	58	61.1	37	
4	2504	2000	2085.5	20	40601-24
	98.6	79	82.1	44	
5	3038	2540	2620	23	40601-25
	119.6	100	103.1	52	
6	3572	3070	3153.5	27	40601-26
	140.6	121	124.2	59	
7	4107	3600	3688.5	30	40601-27
	161.7	142	145.2	66	
8	4641	4140	4223	34	40601-28
	182.7	163	166.3	74	
9	5176	4670	4758	37	40601-29
	203.8	184	187.3	81	
10	5711	5200	5292.5	40	40601-30
	224.8	205	208.4	89	
11	6246	5740	5828	44	40601-31
	245.9	226	229.4	96	
12	6780	6270	6361.5	47	40601-32
	266.9	247	250.5	104	

Table №1 for membrane length 21" (533.4mm.).
Table №2 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
1	1388	710	1020	970	13	40600-1
	54.6	28	40.2	38.2	29	
2	2404	1550	2036	1986	19	40600-2
	94.6	61	80.2	78.2	43	
3	3420	2550	3052	3002	26	40600-3
	134.6	100	120.2	118.2	57	
4	4436	3250	4068	4018	32	40600-4
	174.6	128	160.2	158.2	71	
5	5453	4250	5085	5035	39	40600-5
	214.7	167	200.2	198.2	85	
6	6471	5250	6103	6053	45	40600-6
	254.8	207	240.3	238.3	99	

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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 600 psi. (41.4 bar).
4. Permeate internal pressure not to exceed 125 psi. (8.6 bar).
5. Operating temperature not to exceed 49°C (120°F).

Notes:

1. All dimensions are for reference only, not for construction unless certified.
2. * - Item 17 & 18 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 is supplied with two strap for external saddles.

Item	Part number	Q-ty	Title	Material
1	40600-0	1	Body of Pressure Vessel	Glass/Epoxy
2	55410254 /v	2	F/C Port	316 stainless steel
3	55410234	4	Arc for end port	316 stainless steel
4	55412361	2	Seal for end port	EPDM
5	55412349	8	Socket screw	316 stainless steel
6	55410230	8	Lock	Aluminum
7	55412369	2	Retaining ring for p.port	316 stainless steel
8	55410238	2	Base plate	Aluminum
9	55410231	2	Sealing plate	Engineering plastic
10	55412360	2	Seal for sealing plate	EPDM
11	55412363	2	Seal for permeate port	EPDM
12	55410253	2	Permeate port	Engineering plastic
13	55412377	0-6	Disk spacer	Engineering plastic
14	As required	2	Membrane seal	EPDM
15	As required	2	Adapter	Engineering plastic
16	55412367	2	Seal for Adapter	EPDM

-Vessel support parts -optional -

17*	55410246	2	Strap Assy.	316 stainless steel	
18*	55410352	2-3	Saddle	Engineering plastic	
BEL	TITLE ORL 4-E-600 psi. RO PRESSURE VESSEL			DESIGN NAME	DATE
	DRAWING No. ORL4-E-600			CHECK Yuri V.	10/11/2011
				APPR. Ari A.	10/11/2011
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