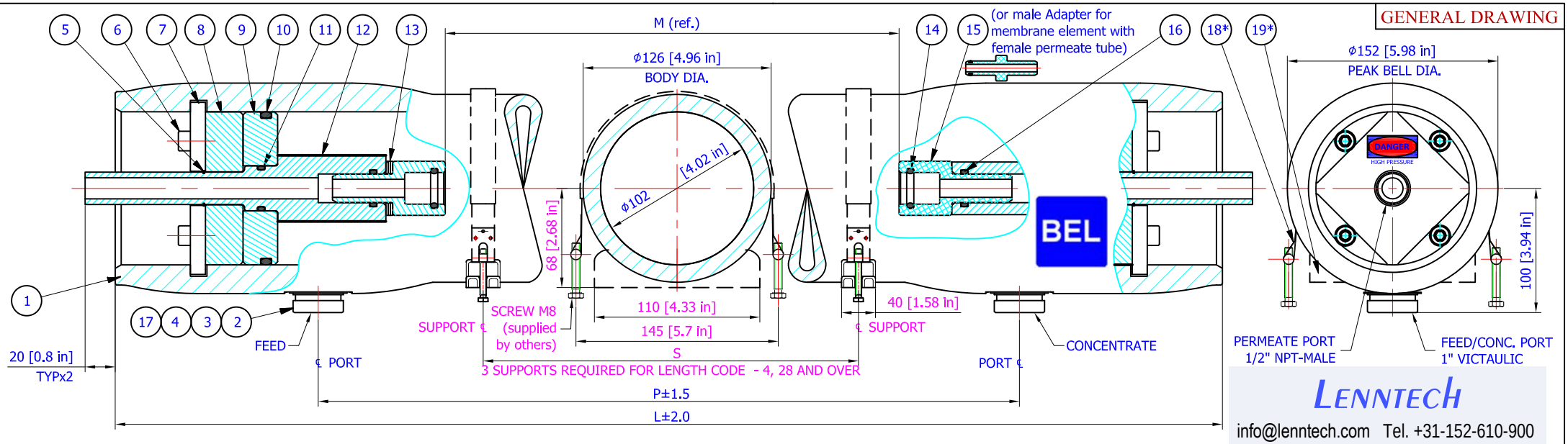
GENERAL DRAWING



Shell length code	L (l.o.a.) mm. / inch	P (port to port) mm. / inch	S# (span) mm. / inch	M, mm/in length for membranes elements	W weight kg. / lb.	Article number
1	875	597	410	485	9	401201-21
	34.4	23.5	16	19.1	21	
2	1409	1130.5	940	1018.5	14	401201-22
	55.5	44.5	37	40.1	31	
3	1942	1664	1480	1552	19	401201-23
	76.5	65.5	58	61.1	41	
4	2476	2197.5	2000	2085.5	23	401201-24
	97.5	86.5	79	82.1	51	
5	3010	2732	2540	2620	28	401201-25
	118.5	107.6	100	103.1	62	
6	3544	3265.5	3070	3153.5	33	401201-26
	139.5	128.6	121	124.2	72	
7	4079	3800.5	3600	3688.5	37	401201-27
	160.6	149.6	142	145.2	82	
8	4613	4335	4140	4223	42	401201-28
	181.6	170.7	163	166.3	92	
9	5148	4870	4670	4758	46	401201-29
	202.7	191.7	184	187.3	102	
10	5683	5404.5	5200	5292.5	51	401201-30
	223.7	212.8	205	208.4	113	
11	6218	5940	5740	5828	56	401201-31
	244.8	233.9	226	229.4	123	
12	6752	6473.5	6270	6361.5	60	401201-32
	265.8	254.9	247	250.5	133	

Table №1 for membrane length 21" (533.4mm.).
Table №2 for membrane length 40" (1016mm.).

Shell length code	L (l.o.a.) mm. / inch	P port to port, mm. / Inch	S# (span) mm. / inch	M, mm/in length for membranes elements (with membrane type)		W weight kg. / lb.	Article number
1	1360	1082	710	1020	970	14	411200-1
	53.5	43	28	40.2	38.2	30	
2	2376	2098	1550	2036	1986	22	411200-2
	93.5	83	61	80.2	78.2	50	
3	3392	3114	2550	3052	3002	31	411200-3
	133.5	123	100	120.2	118.2	69	
4	4408	4130	3250	4068	4018	40	411200-4
	173.5	163	128	160.2	158.2	88	
5	5425	5147	4250	5085	5035	49	411200-5
	213.6	203	167	200.2	198.2	108	
6	6443	6165	5250	6103	6053	58	411200-6
	253.7	243	207	240.3	238.3	127	

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 1200 psi. (83 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 18 & 19 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 assembly.

Item	Part number	Q-ty	Title	Material
1	411200-0	1	Body of Pressure Vessel	Glass/Epoxy
2	009-107-1200	2	Side Port 1"	Super Duplex Stainless Steel
3	006-116-1202	2	Disk for port	Stainless steel
4	014-100-0505	2	Seal for side port	EPDM
5	55412369	2	Retaining ring for p.port	316 stainless steel
6	55412349	8	Socket screw	316 stainless steel
7	55410230	8	Lock	Aluminum
8	003-420-1200	2	Base plate	Aluminum
9	013-400-1200	2	Sealing plate	Engineering plastic
10	55412360	2	Seal for sealing plate	EPDM
11	55412363	2	Seal for permeate port	EPDM
12	008-400-1200	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
17	011-100-1202	4	Retaining ring for port	316 stainless steel
	-Vessel support parts -optional -			
18*	55410246	2	Strap	316 stainless steel
19*	55410352	2-3	Saddle	Engineering plastic

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BEL	TITLE: BEL 4-(Sx1")-1200 psi. RO PRESSURE VESSEL	DESIGN	NAME	DATE
		CHECK	Yuri V.	10/11/2011
DRAWING No.	BEL 4-S-1200	APPR.	Ari A.	10/11/2011

REV.: 1