GENERAL DRAWING

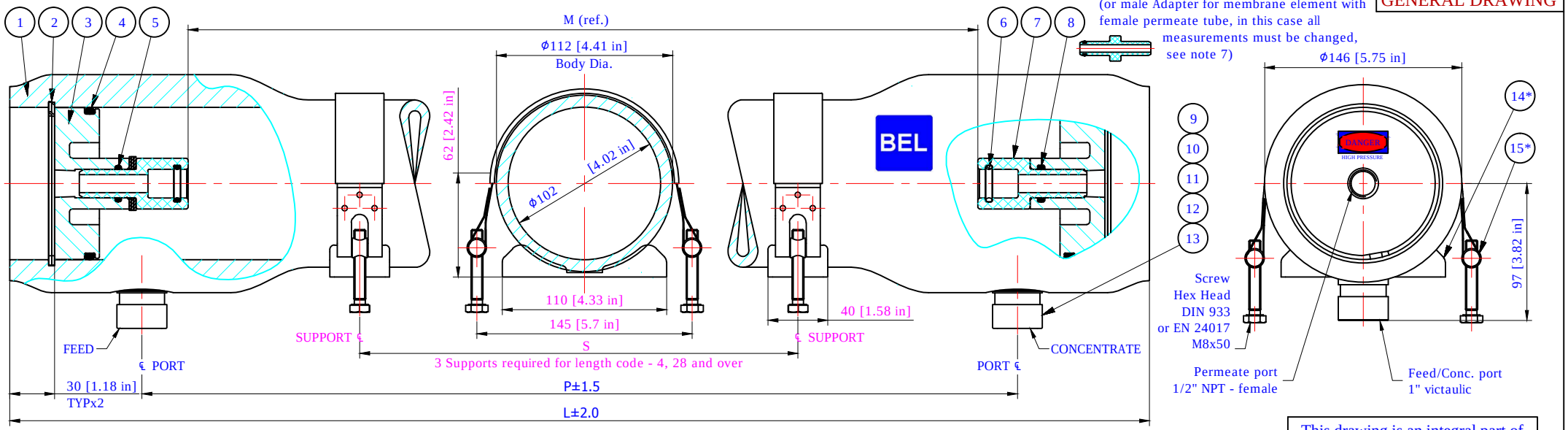

Table №1 for membrane length 21" (533.4mm.).
Table №2 for membrane length 40" (1016mm.).

Shell length code	L (l.o.a.) mm. / inch	P port to port, mm. / Inch	S# (span) mm. / inch	M, mm/in length for membrane s elements	W weight kg. / lb.	Article number
21	715	540	410	485	6	41301-21
	28.1	21.3	16	19.1	12	
22	1248.5	1073.5	940	1018.5	8	41301-22
	49.2	42.3	37	40.1	18	
23	1782	1607	1480	1552	11	41301-23
	70.2	63.3	58	61.1	24	
24	2315.5	2140.5	2000	2085.5	13	41301-24
	91.2	84.3	79	82.1	29	
25	2850	2675	2540	2620	16	41301-25
	112.2	105.3	100	103.1	35	
26	3383.5	3208.5	3070	3153.5	18	41301-26
	133.2	126.3	121	124.2	41	
27	3918.5	3743.5	3600	3688.5	21	41301-27
	154.3	147.4	142	145.2	46	
28	4453	4278	4140	4223	24	41301-28
	175.3	168.4	163	166.3	52	
29	4988	4813	4670	4758	26	41301-29
	196.4	189.5	184	187.3	58	
30	5522.5	5347.5	5200	5292.5	29	41301-30
	217.4	210.5	205	208.4	63	
31	6058	5883	5740	5828	31	41301-31
	238.5	231.6	226	229.4	69	
32	6591.5	6416.5	6270	6361.5	34	41301-32
	259.5	252.6	247	250.5	75	

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	1200	1025	710	1020	970	8	41300-1
	47.2	40.4	28	40.2	38.2	17	
2	2216	2041	1550	2036	1986	13	41300-2
	87.2	80.4	61	80.2	78.2	28	
3	3232	3057	2550	3052	3002	18	41300-3
	127.2	120.4	100	120.2	118.2	39	
4	4248	4073	3250	4068	4018	23	41300-4
	167.2	160.4	128	160.2	158.2	50	
5	5265	5090	4250	5085	5035	28	41300-5
	207.3	200.4	167	200.2	198.2	61	
6	6283	6108	5250	6103	6053	32	41300-6
	247.4	240.5	207	240.3	238.3	71	

Warning.

1. Never pressurize a pressure vessel that was not loaded with membrane elements.
2. Wrong manifolding may cause 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 49°C (120°F).

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

Notes:

1. All dimensions are for reference only, not for construction unless certified.
2. * - *Item 14 & 15 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.
7. For further information please contact BEL

Item	Part number	Q-ty	Title	Material
1	41300-0	1	Body of Pressure Vessel	Glass/Epoxy
2	55410208	2	Retaining ring	316 stainless steel
3	003-400-0005	2	Base plate	Engineering plastic
4	55412360	2	Seal for base plate	EPDM
5	55412377	0-6	Disk spacer	Engineering plastic
6	As required	2	Membrane seal	EPDM
7	As required	2	Adapter	Engineering plastic
8	55412367	2	Seal for Adapter	EPDM
9	009-106-0450	2	F/C Port	316 stainless steel
10	014-100-0505	2	Seal for F/C Port	EPDM
11	006-112-1202	2	Disk for F/C Port	304 stainless steel
12	011-100-1202	2	Retaining ring	316 stainless steel
13	55412368	2	Retaining ring	316 stainless steel
	-Vessel support parts -optional -			
14 *	55410352	2-3	Saddle	Engineering plastic
15 *	55410246	2	Strap	316 stainless steel

	TITLE		NAME	DATE
BEL	BEL 4-S-300 psi. RO PRESSURE VESSEL	DESIGN		
		CHECK	Yuri V.	30/07/2014
DRAWING No.	BEL 4-S-300	APPR.	Ari A.	30/07/2014

REV.: 4