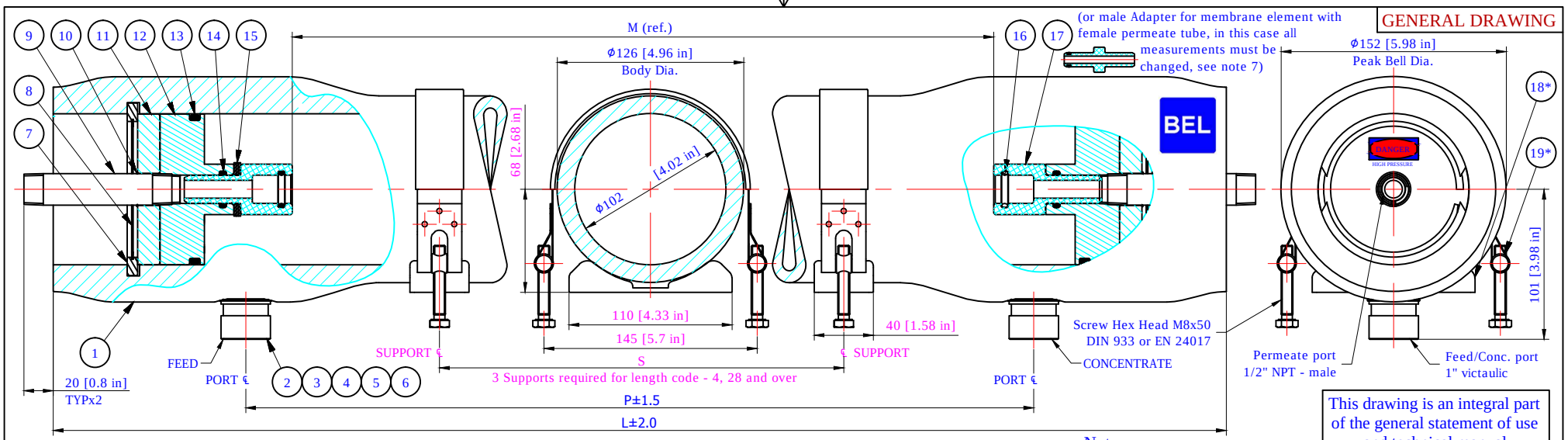
GENERAL DRAWING



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

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	799	539	410	485	9	401201-21
	31.5	21.2	16	19.1	19	
2	1333	1072.5	940	1018.5	13	401201-22
	52.5	42.2	37	40.1	30	
3	1866	1606	1480	1552	18	401201-23
	73.5	63.2	58	61.1	40	
4	2400	2139.5	2000	2085.5	23	401201-24
	94.5	84.2	79	82.1	50	
5	2934	2674	2540	2620	27	401201-25
	115.5	105.3	100	103.1	60	
6	3468	3207.5	3070	3153.5	32	401201-26
	136.5	126.3	121	124.2	70	
7	4003	3742.5	3600	3688.5	37	401201-27
	157.6	147.3	142	145.2	81	
8	4537	4277	4140	4223	41	401201-28
	178.6	168.4	163	166.3	91	
9	5072	4812	4670	4758	46	401201-29
	199.7	189.4	184	187.3	101	
10	5607	5346.5	5200	5292.5	50	401201-30
	220.7	210.5	205	208.4	111	
11	6142	5882	5740	5828	55	401201-31
	241.8	231.6	226	229.4	121	
12	6676	6415.5	6270	6361.5	60	401201-32
	262.8	252.6	247	250.5	131	

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	1284	1024	710	1020	970	13	411200-1
	50.6	40	28	40.2	38.2	29	
2	2300	2040	1550	2036	1986	22	411200-2
	90.6	80	61	80.2	78.2	48	
3	3316	3056	2550	3052	3002	31	411200-3
	130.6	120	100	120.2	118.2	67	
4	4332	4072	3250	4068	4018	39	411200-4
	170.6	160	128	160.2	158.2	87	
5	5349	5089	4250	5085	5035	48	411200-5
	210.6	200	167	200.2	198.2	106	
6	6367	6107	5250	6103	6053	57	411200-6
	250.7	240	207	240.3	238.3	126	

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 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.
7. For further information please contact BEL

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	011-100-1202	2	Retaining ring for port	316 stainless steel
6	55412368	2	Retaining ring for port	316 stainless steel
7	005-461-1200	2	Support ring	Aluminum
8	011-401-1202	2	Retaining ring for S.ring	316 stainless steel
9	008-400-1215	2	Permeate tube	Engineering plastic
10	55412369	2	Retaining ring for p.port	316 stainless steel
11	003-420-1215	2	Base plate	Aluminum
12	003-400-0005	2	Sealing plate	Engineering plastic
13	55412360	2	Seal for sealing plate	EPDM
14	55412367	2	Seal for Adapter	EPDM
15	55412377	0-6	Disk spacer	Engineering plastic
16	As required	2	Membrane seal	EPDM
17	As required	2	Adapter	Engineering plastic
	-Vessel support parts -optional -			
18*	55410352	2-3	Saddle	Engineering plastic
19*	55410246	2	Strap	316 stainless steel

BEL	TITLE		DESIGN	NAME	DATE
	BEL 4-(Sx1")-1200 psi. RO PRESSURE VESSEL		CHECK	Yuri V.	30/07/2014
DRAWING No.	BEL 4-S-1200		APPR.	Ari A.	30/07/2014

REV.: 3