

GENERAL DRAWING

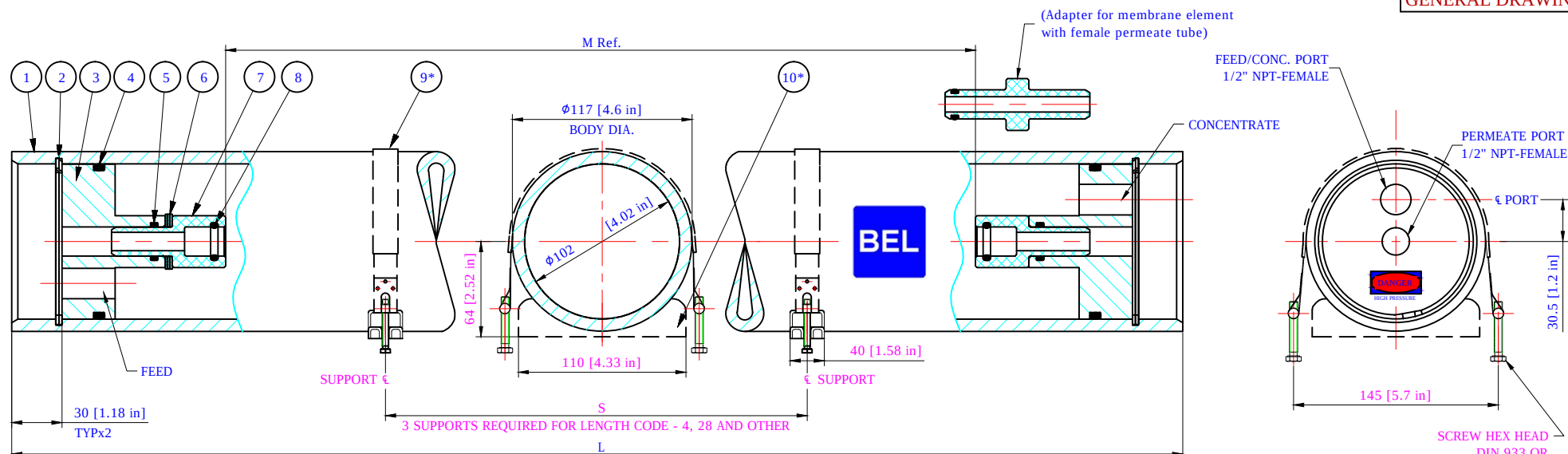


Table №1
for membrane length
40" (1016mm.).

Shell length code	L (l.o.a.) mm. inch	S # (span) mm. inch	M, mm/in length for membranes elements (with membrane type)		W weight kg. lb.	Article number
						
3	3232	2550	3052	3002	22	40300-3
	127.2	100	120.2	118.2	49	
4	4248	3250	4068	4018	29	40300-4
	167.2	128	160.2	158.2	64	
5	5265	4250	5085	5035	36	40300-5
	207.3	167	200.2	198.2	79	
6	6283	5250	6103	6053	42	40300-6
	247.4	207	240.3	238.3	94	

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 membrane elements	W weight kg. lb.	Article number
25	2850	2200	2620	20	40301-25
	112.2	87	103.1	44	
26	3384	2700	3153.5	23	40301-26
	133.2	106	124.2	51	
27	3919	3200	3688.5	27	40301-27
	154.3	126	145.2	59	
28	4453	3700	4223	30	40301-28
	175.3	146	166.3	67	
29	4988	4200	4758	34	40301-29
	196.4	165	187.3	75	
30	5523	4700	5292.5	37	40301-30
	217.4	185	208.4	82	
31	6058	5200	5828	41	40301-31
	238.5	205	229.4	90	
32	6592	5700	6361.5	44	40301-32
	259.5	224	250.5	98	

Notes:

1. All dimensions are for reference only, not for construction unless certified.
2. * - Items 9 & 10 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.

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 49°C (120°F).

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

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	Seal for adapter	EPDM
6	55412377	0-6	Disk spacer	Engineering plastic
7	As required	2	Adapter	Engineering plastic
8	As required	2	Membrane seal	EPDM
- Vessel support parts - optional -				
9 *	55410246	2	Strap	316 stainless steel
10 *	55410352	2	Saddle	Engineering plastic
DESIGN NAME DATE				
BEL TITLE RO PRESSURE VESSEL BEL 4-E-300 (from 3 to 6 membrane elements).			CHECK Yuri V.	30/07/2014
DRAWING No. BEL4-E-300-3to6m-sh-ne			APPR. Ari A.	30/07/2014
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