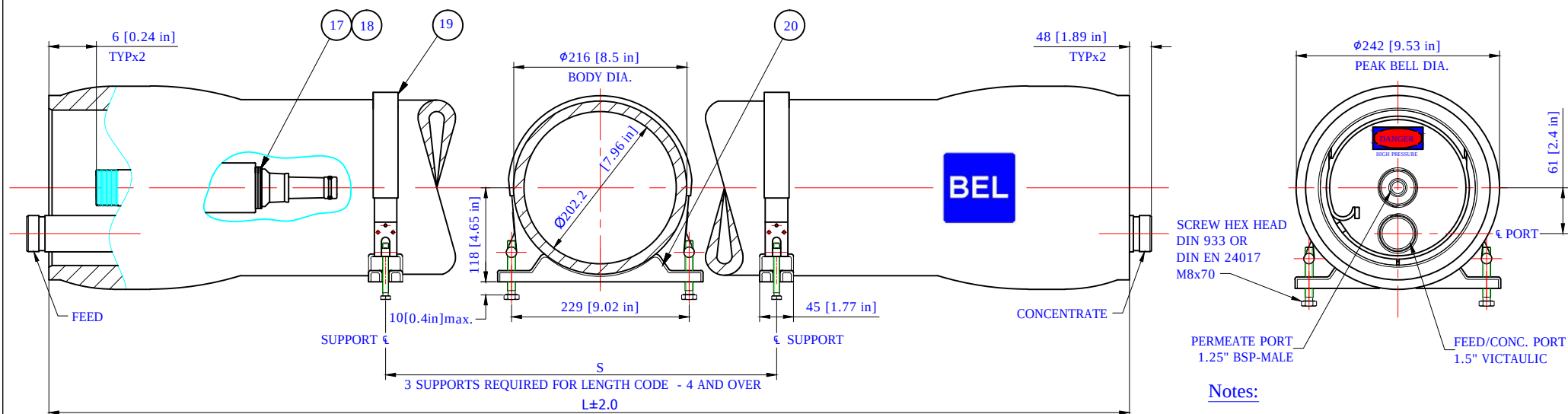




Notes:

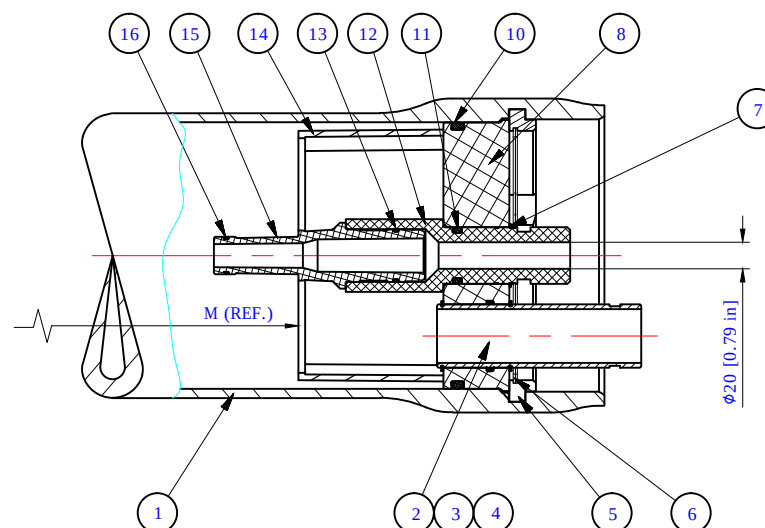
1. All dimensions are for reference only, not for construction unless certified.
2. Item 17 & 18 should be located on feed side.
3. Drawing unit: mm. (inches)
4. Saddles can be shimmed if required.
5. Do not scale drawing, may be reprinted on any paper size or copied.
6. The vessel is supplied with two strap assembly.

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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	1456 57.3	710 28	1032 40.6	29 64	80450-1
2	2472 97.3	1550 61	2048 80.6	40 87	80450-2
3	3488 137.3	2550 100	3064 120.6	50 111	80450-3
4	4504 177.3	3250 128	4080 160.6	61 135	80450-4
5	5520 217.3	4250 167	5096 200.6	72 159	80450-5
6	6536 257.3	5250 207	6112 240.6	83 183	80450-6
7	7552 297.3	6250 246	7128 280.6	94 207	80450-7
8	8568 337.3	7250 285	8144 320.6	104 230	80450-8



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 450 psi. (31 bar).
4. Permeate internal pressure not to exceed 125 psi. (8.6 bar).
5. Operating temperature not to exceed 49°C (120°F).

Item	Part number	Q-ty	Title	Material
1	80450-0	1	Body of Pressure Vessel	Glass/Epoxy
2	009-150-0600	2	End Port 1.5"	316 stainless steel
3	55412335	4	Retaining ring for end port	316 stainless steel
4	55412225	2	Seal for end port	EPDM
5	55410299	2	Support ring	Aluminum
6	011-801-1202	2	Retaining ring (finger hook)	316 stainless steel
7	283772336	2	Retaining ring for p.port	316 stainless steel
8	003-800-0450	2	Base plate	Engineering plastic
9	-	-	-	-
10	55412339	2	Seal for sealing plate	EPDM
11	283776342	2	Seal for permeate port	EPDM
12	008-801-0125	2	Permeate port	Engineering plastic
13	285773918	2	Seal for Adapter	EPDM
14	55410419	1	Thrust ring	Engineering plastic
15	As required	2	Adapter	Engineering plastic
16	As required	2-4	Membrane seal	EPDM
17	285779231	0-3	Disk spacer - 1 mm.	Engineering plastic
18	285779233	0-7	Disk spacer - 3 mm.	Engineering plastic
19	55410310	2	Strap Assy.	316 stainless steel
20	55410351	2-3	Saddle	Engineering plastic
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BEL	TITLE		DESIGN	Daria P.	10/11/2011
	BEL 8-E-450 psi. RO PRESSURE VESSEL		CHECK	Yuri V.	10/11/2011
	DRAWING No. 8e-450		APPR.	Ari A.	10/11/2011
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