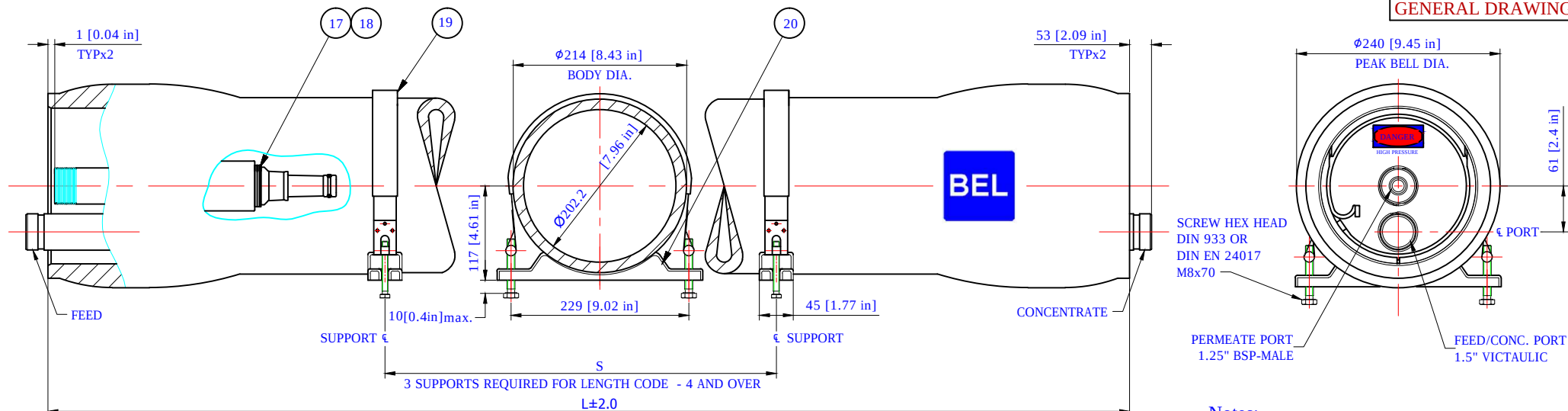


GENERAL DRAWING

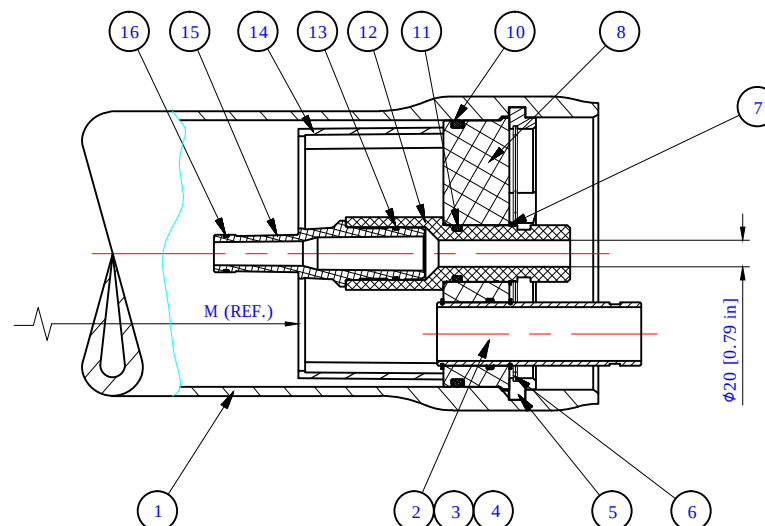


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**This drawing is an integral part of
the general statement of use
and Technical Manual**

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	1446 56.9	710 28	1032 40.6	27 60	80300-1
2	2462 96.9	1550 61	2048 80.6	37 81	80300-2
3	3478 136.9	2550 100	3064 120.6	46 101	80300-3
4	4494 176.9	3250 128	4080 160.6	55 122	80300-4
5	5510 216.9	4250 167	5096 200.6	65 143	80300-5
6	6526 256.9	5250 207	6112 240.6	74 164	80300-6
7	7542 296.9	6250 246	7128 280.6	84 184	80300-7
8	8558 336.9	7250 285	8144 320.6	93 205	80300-8



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 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).

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.

Item	Part number	Q-ty	Title	Material
1	80300-0	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	285034015	2	Support ring	Engineering plastic
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	BEL 8-E-300 psi. RO PRESSURE VESSEL	DESIGN	Daria P.	10/11/2011
			CHECK	Yuri V.	10/11/2011
	DRAWING No.	8e-300	APPR.	Ari A.	10/11/2011
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