



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 mm. inch	W weight kg. lb.	Article number
1	1939	1625	939	1507	64.9	93300-1
	76.34	63.98	36.97	59.33	143.0	
2	3443	2641	2420	3011	82.0	93300-2
	135.55	103.98	95.28	118.54	180.7	
3	4947	3657	3908	4515	99.1	93300-3
	194.76	143.98	153.86	177.76	218.4	
4	6451	4673	5412	6019	116.2	93300-4
	253.98	183.98	213.07	236.97	256.1	
5	7955	5689	6916	7523	133.3	93300-5
	313.19	223.98	272.28	296.18	293.8	
6	9459	6705	8420	9027	150.4	93300-6
	372.40	263.98	331.50	355.39	331.5	

Notes:

1. All dimensions are for reference only, not for construction unless certified.
2. Item 16 & 17 should be located on feed side for membranes shimming.
3. Item 20 & 21 downstream only.
4. Drawing unit: mm. (inches).
5. Membrane length correspond to 60" element, can be varied according to exact membrane type.
6. Saddles can be shimmed if required.
7. Do not scale drawing, may be reprinted on any paper size or copied.
8. The vessel is supplied with two strap assembly.
9. Vessel's ports diameters according to ANSI Standards.

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 232 psi. (16 bar).
5. Operating temperature not to exceed 65°C (150°F).

Item	Part number	Q-ty	Title	Material
1	91300-0	1	Body of Pressure Vessel	Glass/Epoxy
2	040-156-0309	2	F/C port 1.5"	316 stainless steel
3	014-150-0506	2	Seal for slide port	EPDM
4	011-150-1202	4	Retaining ring for port	316 stainless steel
5	006-156-0452	2	Disk for port	316 stainless steel
6	005-861-0309	2	Support ring	Aluminum
7	011-900-0002	2	Retaining ring	316 stainless steel
8	003-095-0300	2	Base plate	Aluminum
9	013-090-0300	2	Sealing plate	Engineering plastic
10	007-229-0069	2	Seal for Sealing plate	EPDM
11	007-064-0053	2	Seal for permeate port	EPDM
12	008-903-0200	2	Permeate port 2"	Engineering plastic
13	007-076-0035	2	Seal for adapter	EPDM
14	As required	2	Adapter	Engineering plastic
15	As required	2	Membrane seal	EPDM
16	010-900-0001	0-4	Disk spacer - 1 mm.	Engineering plastic
17	010-900-0003	0-4	Disk spacer - 3 mm.	Engineering plastic
18	015-900-0000	2	Strap assy.	316 stainless steel
19	012-900-0000	2	Saddle	Engineering plastic
20	001-160-0025	2	Thrust ring adapter	Engineering plastic
21	004-900-0325	2	Thrust ring	Engineering plastic
22	55412392	2	Retaining ring	316 stainless steel
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BEL BEL-S-300 psi. PRESSURE VESSEL
 DESIGN DMG 04/05/2020
 CHECK JME 04/05/2020
 APPR. MAF 04/05/2020
 REV.: 1

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