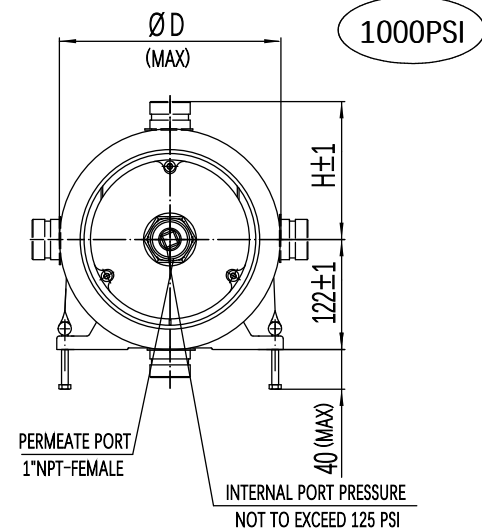
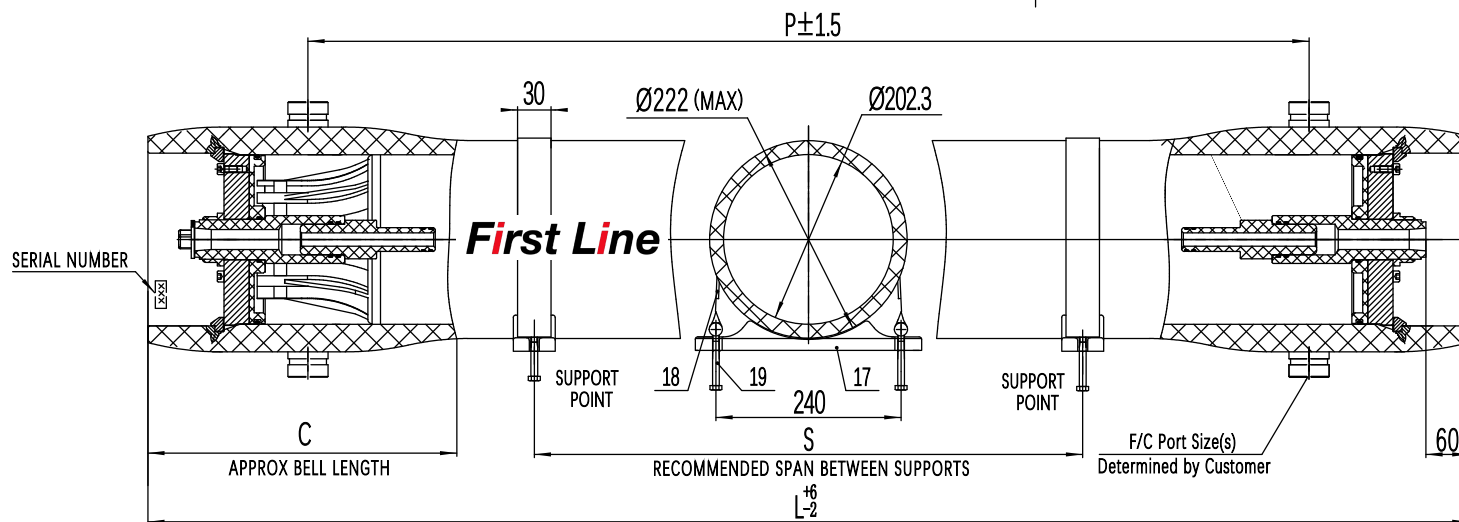
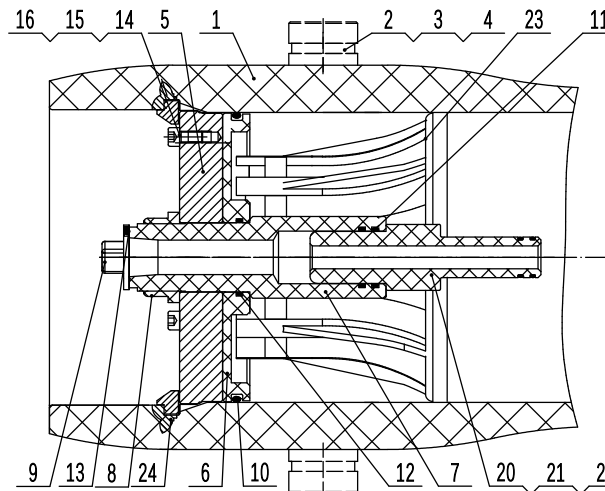




REF.	QTY.	PART NUMBER	DESCRIPTION	MATERIAL	REMARK
1	1	See Selection Table	Shell	Epoxy FRP	White
2	2~4	20002766	Feed/Conc. Port	2507SST	1.5"
2.1	2~4	20002767	Feed/Conc. Port	2507SST	2"
2.2	2~4	20002896	Feed/Conc. Port	2507SST	2.5"
2.3	2~4	20002898	Feed/Conc. Port	2507SST	3"
3	2~4	20002424	O-ring, F/C Port	EPDM	41.2x3.55 (1.5")
3.1	2~4	20002645	O-ring, F/C Port	EPDM	56x7 (1.5")
3.2	2~4	20002425	O-ring, F/C Port	EPDM	53x3.55 (2")
3.3	2~4	20002677	O-ring, F/C Port	EPDM	68x7 (2")
3.4	2~4	20002426	O-ring, F/C Port	EPDM	69x3.55 (2.5")
3.5	2~4	20002678	O-ring, F/C Port	EPDM	82x7 (2.5")
3.6	2~4	20002428	O-ring, F/C Port	EPDM	82.5x3.55 (3")
3.7	2~4	20002678	O-ring, F/C Port	EPDM	99x7 (3")
4	2~4	20002779	Locknut, F/C Port	316SST	1.5"
4.1	2~4	20002780	Locknut, F/C Port	316SST	2"
4.2	2~4	20002667	Locknut, F/C Port	316SST	2.5"
4.3	2~4	20002682	Locknut, F/C Port	316SST	3"
5	2	20003050	Bearing Plate	Aluminium Alloy	
6	2	20001809	Sealing Plate	ABS	
7	2	20002270	Permeate Port	ABS	
8	2	20000698	Nut	ABS	
9	1	20000073	Plug	ABS	
10	2	20001074	O-ring, Head	EPDM	187x7
11	4	20000314	O-ring, Adapter	EPDM	36.5x3.55
12	2	20002432	O-ring, Permeate Port	EPDM	47.5x3.55
13	1	20000314	O-ring, Plug	EPDM	36.5x3.55
14	6	20000008 09 10	Locking Kit Segment	316SST	
15	6	20000196	Locking Segment Screw	304SST	M8x20
16	6	20000197	Spring Pad	304SST	$\varnothing 8$
17	2~4	20000002	Saddle	Thermoplastic Rubber.	
18	2~4	20000187	Strap	304SST-PVC	
19	4~8	20000198	Strap Screw	304SST	M8x90
20	2	20002250	Adapter	PPO	
21	2	20000020	Shim, Adapter	ABS	2mm
22	4	20002423	O-ring, PWT	EPDM	23.6x2.65
23	1	20000418	Thrust Ring	ABS	
24	2	30200026	Embedded Ring	316SST	



GENERAL NOTES:

- DIMENSIONS IN MM.
- MAX. ANGULAR VARIATION BETWEEN ANY PORT ± 0.5 .
- DESIGN PRESSURE: 1000PSI.
- DESIGN TEMPERATURE: Min. $-7^{\circ}\text{C}(20^{\circ}\text{F})$ -Max $49^{\circ}\text{C}(120^{\circ}\text{F})$.
- FOR OTHER TEMPERATURES OUT OF THIS RANGE CONTACT FIRST LINE.
- CENTER VESSEL ON 2, 3 OR 4 SUPPORTS AT SPAN"S": 2 SUPPORTS(FOR LENGTH 1-3), 3 SUPPORTS(FOR LENGTH 4-6) OR 4 SUPPORTS (FOR LENGTH 7-8).
- FOR VESSEL INSTALLATION AND MAINTENANCE PLEASE REFER TO FIRST LINE USER'S MANUAL.
- FOR REFERENCE ONLY, NOT FOR CONSTRUCTION UNLESS CERTIFIED.

PORT SIZE CODE	D (MM)	H (MM)	C (MM)
D 1.5" Grooved End	262	161	400
E 2" Grooved End	262	164	400
F 2.5" Grooved End	268	166	450
G 3" Grooved End	286	177	450

Ref.	Part Number	L (MM)	P (MM)	S (MM)	Approx Assembly Weight (KG)
1	F801000S-1	1582	1143	530	63
2	F801000S-2	2598	2159	1350	73
3	F801000S-3	3614	3175	2080	83
4	F801000S-4	4630	4191	1600x2	93
5	F801000S-5	5646	5207	2000x2	103
6	F801000S-6	6662	6223	2360x2	116
7	F801000S-7	7678	7239	2000x3	127
8	F801000S-8	8694	8255	2350x3	138

Harbin First Line Environment Technology Co.,Ltd.

First Line	Design Date	Model F80-1000S Pressure Vessel
	Review Date	
	Approval Date	DRG F80-1000S-00-01
	Date	
		Unit MM
		REV. 2026