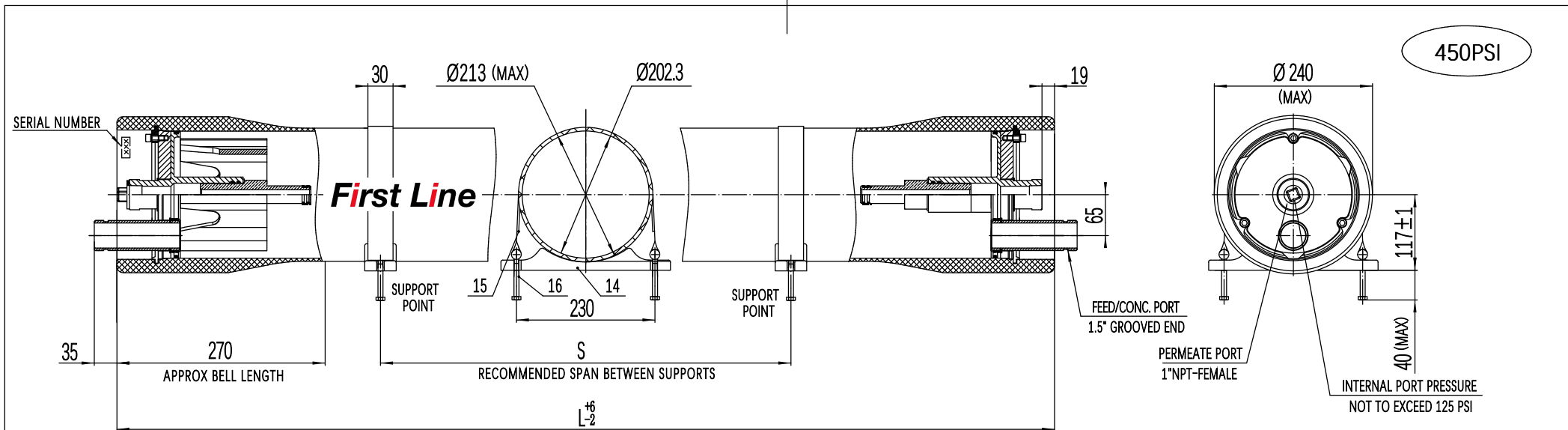
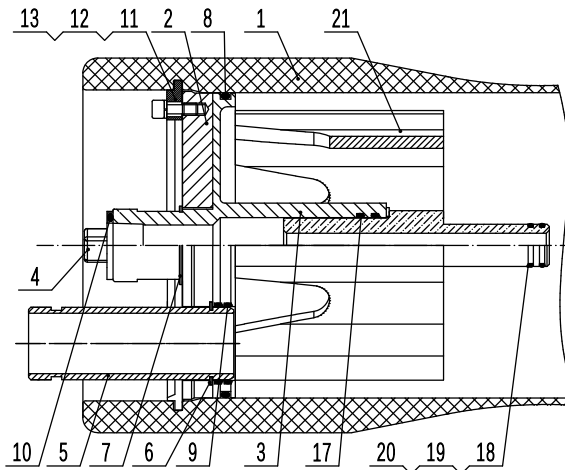




| REF. | QTY. | PART NUMBER         | DESCRIPTION               | MATERIAL                   | REMARK    |
|------|------|---------------------|---------------------------|----------------------------|-----------|
| 1    | 1    | See Selection Table | Shell                     | Epoxy FRP                  | White     |
| 2    | 2    | 20000401            | Bearing Plate             | Aluminium Alloy            |           |
| 3    | 2    | 20002336            | Sealing Plate             | ABS                        |           |
| 4    | 1    | 20000073            | Plug                      | ABS                        |           |
| 5    | 2    | 20000423            | Feed/Conc. Port           | 316LSST                    |           |
| 6    | 2    | 20000383            | Retaining Ring , F/C Port | 304SST                     |           |
| 7    | 2    | 20000383            | Retaining Ring            | 304SST                     |           |
| 8    | 2    | 20000901            | O-ring , Head             | EPDM                       | 187x7     |
| 9    | 4    | 20002432            | O-ring , F/C Port         | EPDM                       | 47.5x3.55 |
| 10   | 1    | 20000314            | O-ring , Plug             | EPDM                       | 36.5x3.55 |
| 11   | 6    | 20000006            | Locking Kit Segment       | 304SST                     |           |
| 12   | 6    | 20000196            | Locking Segment Screw     | 304SST                     | M8x20     |
| 13   | 6    | 20000197            | Spring Pad                | 304SST                     | Ø8        |
| 14   | 2~4  | 20000001            | Saddle                    | Engineering Thermoplastic. |           |
| 15   | 2~4  | 20000186            | Strap                     | 304SST-PVC                 |           |
| 16   | 4~8  | 20000198            | Strap Screw               | 304SST                     | M8*90     |
| 17   | 4    | 20002432            | O-ring , Adapter          | EPDM                       | 36.5x3.55 |
| 18   | 2    | 20000364            | Adapter                   | ABS                        |           |
| 19   | 2~6  | 20000020            | Shim , Adapter            | ABS                        | 2mm       |
| 20   | 2    | 20002423            | O-ring , PWT              | EPDM                       | 23.6x2.65 |
| 21   | 1    | 20000420            | Thrust Ring               | ABS                        |           |



GENERAL NOTES:  
1. DIMENSIONS IN MM.  
2. MAX. ANGULAR VARIATION BETWEEN ANY PORT  $\pm 0.5$ .  
3. DESIGN PRESSURE: 450PSI.  
4. DESIGN TEMPERATURE: Min.-7°C(20°F)-Max.49°C(120°F).  
5. FOR OTHER TEMPERATURES OUT OF THIS RANGE CONTACT FIRST LINE.  
6. CENTER VESSEL ON 2, 3 OR 4 SUPPORTS AT SPAN"S": 2 SUPPORTS(FOR LENGTH 1-3), 3 SUPPORTS(FOR LENGTH4-6) OR 4 SUPPORTS (FOR LENGTH 7-8) .  
7. FOR VESSEL INSTALLATION AND MAINTENANCE PLEASE REFER TO FIRST LINE USER'S MANUAL.  
8. FOR REFERENCE ONLY, NOT FOR CONSTRUCTION UNLESS CERTIFIED.

| Ref. | Part Number | L ( MM ) | S ( MM ) | Approx Assembly Weight (KG) |
|------|-------------|----------|----------|-----------------------------|
| 1    | F80450E-1   | 1494     | 580      | 25.5                        |
| 2    | F80450E-2   | 2510     | 1350     | 32                          |
| 3    | F80450E-3   | 3526     | 2080     | 38.5                        |
| 4    | F80450E-4   | 4542     | 1600x2   | 45.5                        |
| 5    | F80450E-5   | 5558     | 2000x2   | 52                          |
| 6    | F80450E-6   | 6574     | 2360x2   | 58.5                        |
| 7    | F80450E-7   | 7590     | 2000x3   | 65.5                        |
| 8    | F80450E-8   | 8606     | 2350x3   | 72                          |

Harbin First Line Environment Technology Co.,Ltd.

|                   |               |                                   |
|-------------------|---------------|-----------------------------------|
| <b>First Line</b> | Design Date   | Model<br>F80-450E Pressure Vessel |
|                   | Review Date   |                                   |
|                   | Approval Date | DRG<br>F80-450E-00-01             |
|                   |               | Unit<br>MM                        |
|                   |               | REV.<br>2026                      |