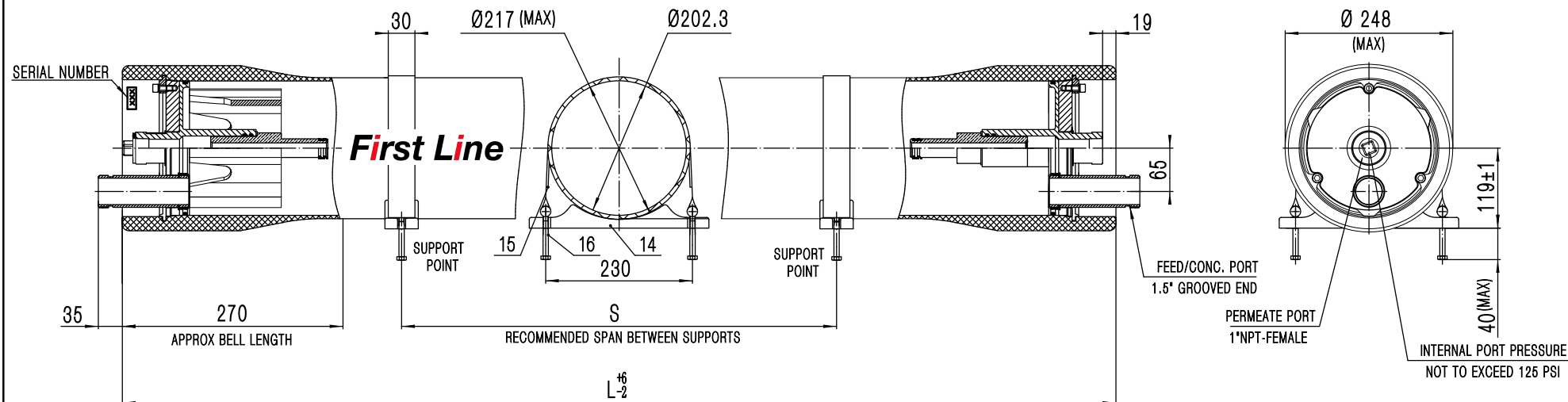
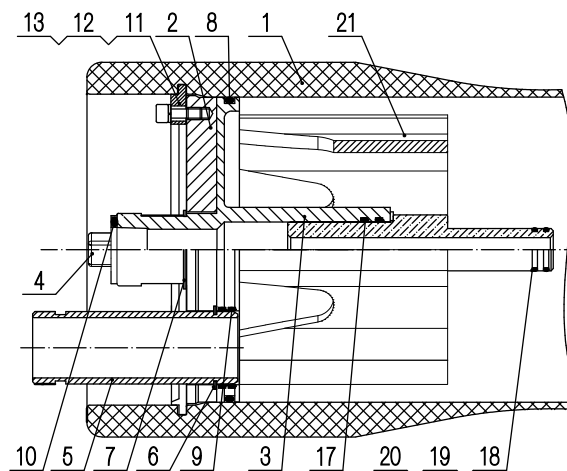




| REF. | QTY.  | PART NUMBER         | DESCRIPTION               | MATERIAL                   | REMARK |
|------|-------|---------------------|---------------------------|----------------------------|--------|
| 1    | 1     | See Selection Table | Shell                     | Epoxy FRP                  | 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                       |        |
| 9    | 4     | 20002432            | O-ring , F/C Port         | EPDM                       |        |
| 10   | 1     | 20000314            | O-ring , Plug             | EPDM                       |        |
| 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     | 20000314            | O-ring , Adapter          | EPDM                       |        |
| 18   | 2     | 20000364            | Adapter                   | ABS                        |        |
| 19   | 2     | 20000020            | Shim , Adapter            | ABS                        | 2mm    |
| 20   | 4     | 20002423            | O-ring , PWT              | EPDM                       |        |
| 21   | 1     | 20000420            | Thrust Ring               | ABS                        |        |



GENERAL NOTES:  
 1. DIMENSIONS IN MM.  
 2. MAX. ANGULAR VARIATION BETWEEN ANY PORT ±0.5.  
 3. DESIGN PRESSURE: 450PSI.  
 4. DESIGN TEMPERATURE: Min.-7°C(20°F)-Max.65°C(149°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    | R80450E-1   | 1494     | 580      | 29-32                       |
| 2    | R80450E-2   | 2510     | 1350     | 37-41                       |
| 3    | R80450E-3   | 3526     | 2080     | 45-50                       |
| 4    | R80450E-4   | 4542     | 1600x2   | 53-59                       |
| 5    | R80450E-5   | 5558     | 2000x2   | 61-68                       |
| 6    | R80450E-6   | 6574     | 2360x2   | 69-77                       |
| 7    | R80450E-7   | 7590     | 2000x3   | 78-87                       |
| 8    | R80450E-8   | 8606     | 2350x3   | 86-96                       |

First Line International Environment Technology

**First Line**

|                  |                              |
|------------------|------------------------------|
| Design<br>Date   | Model<br><b>R80-450E</b>     |
| Review<br>Date   |                              |
| Approval<br>Date | DRG<br><b>R80-450E-00-01</b> |
|                  | Unit<br><b>MM</b>            |
|                  | REV.<br><b>2026</b>          |