



- 1 DESIGN PRESSURE 1000PSI(6.9MPa).
- 2 DESIGN TEMPERATURE 150°F(66°C).
- 3 MIN ALLOWABLE TEMPERATURE 20°F(-7°C).
- 4 WORKING MEDIUM,WATER pH RANGE 3-11.
- 5 DIMENSIONS IN MM(INCHES APPROX).
- 6 INTERNAL PERMEATE PRESSURE NOT TO EXCEED 125PSI(0.88Mpa).
- 7 PLEASE OPERATE IN ACCORDANCE WITH USER MANUAL.
- 8 FOR REFERENCE ONLY,NOT FOR CONSTRUCTION UNLESS CERTIFIED.
- 9 SPARE PARTS FORM JUST FOR REFERENCE,SPECIFIC FORM OF THE SPARE PART DRAWING PREVAIL,SUBJECT TO CHANGE WITHOUT NOTICE.
- 10 ALL PARTS CAN BE RECYCLED EXCEPT FRP SHELL.

| Ref | Part Number               | Description                            | Qty   | Material               | Note                        |
|-----|---------------------------|----------------------------------------|-------|------------------------|-----------------------------|
| 10  | 2012                      | Securing Ring                          | 2     | 316SS                  |                             |
| 09  | 2010                      | Screw                                  | 4     | 316SS                  | M6x15                       |
| 08  | 2009.1                    | Locking Kit Segment                    | 2 Set | 316SS                  |                             |
| 07  | 2008                      | Strap Screw                            | 4     | 304SS                  | M6x60 OPT                   |
| 06  | 2007-B                    | Strap                                  | 2     | 316SS-Brass and Rubber | OPT                         |
| 05  | 2003                      | Saddle                                 | 2     | PVC                    | OPT                         |
| 04  | 4007                      | O-Ring                                 | 4     | EPDM                   | 19x2.65                     |
| 03  | 2005                      | O-Ring                                 | 2     | EPDM                   | 56x3.55                     |
| 02  | 20041-C<br>200411-C       | End Plate                              | 2     | 2507SS                 | 1/4"Rc OPT<br>1/4"NPT F OPT |
| 01  | 20022A<br>20021A<br>2002A | 2514 Shell<br>2521 Shell<br>2540 Shell | 1     | FRP                    | Opt for white,<br>blue      |

| Shell Number | L L.O.A (MM/IN) | S Span (MM/IN) | Approx assembly weight (KG/LB) |
|--------------|-----------------|----------------|--------------------------------|
| 2514         | 462/18.1        | 200/7.9        | 3/6.8                          |
| 2521         | 640/25.1        | 400/15.7       | 3.6/8                          |
| 2540         | 1123/44.2       | 700/27.6       | 5/11.3                         |

|             |          |                                                |                           |
|-------------|----------|------------------------------------------------|---------------------------|
| <b>ROPV</b> | DESIGN   | <b>Harbin ROPV Industry Development Center</b> |                           |
|             | REVIEW   | MODEL                                          | R25C1000E PRESSURE VESSEL |
|             | APPROVAL | DRG                                            | REV                       |
|             |          | R25C1000E-00                                   | 12.5                      |