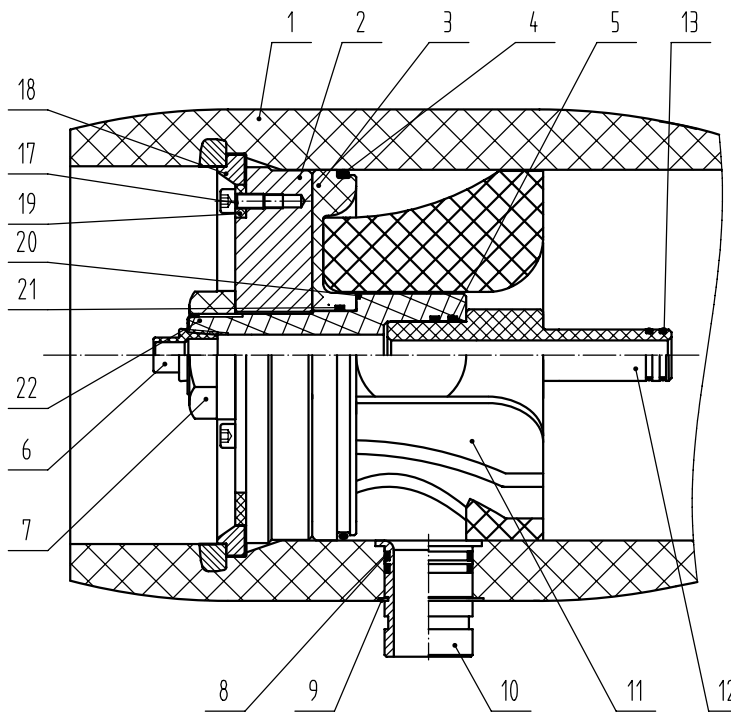


- 1 DESIGN PRESSURE 1800PSI(12.42MPa).
- 2 DESIGN TEMPERATURE 150°F(66°C).
- 3 MIN ALLOWABLE TEMPERATURE 20°F(-7°C).
- 4 WORKING MEDIUM,SEA WATER OR BRACKISHWATER,pH RANGE 3-11.
- 5 DIMENSIONS IN MM.
- 6 INTERNAL PERMEATE PRESSURE NOT TO EXCEED 125PSI(0.88Mpa).
- 7 THE QUANTITY OF ITEM NO.8 9 AND 10,DEPEND ON THE FEED/CONC. PORTS CONFIGURATION.
- 8 ITEM 11 CONCENTRATE SIDE ONLY.
- 9 ITEM 23 FEED SIDE ONLY.
- 10 PLEASE OPERATE IN ACCORDANCE WITH USER MANUAL.
- 11 FOR REFERENCE ONLY,NOT FOR CONSTRUCTION UNLESS CERTIFIED.
- 12 SPARE PARTS FORM JUST FOR REFERENCE,SPECIFIC FORM OF THE SPARE PART DRAWING PREVAIL,SUBJECT TO CHANGE WITHOUT NOTICE.
- 13 ALL PARTS CAN BE RECYCLED EXCEPT FRP SHELL.

23	A8023.1	Shim	0~3	Engineering Thermoplastic	
22	A8022.3	Permeate Part	2	Engineering Thermoplastic.316LSS Ring	
21	47.5x3.55G GB/T3452.1	O-ring	2	EPDM	
20	58x2.65G GB/T3452.1	O-ring	2	EPDM	
19	A8020	Securing Ring	2	Engineering Thermoplastic	
18	A8018.2	Locking Kit Segment	2 Set	316SS	
17	GB/T70.1 M8x20	Locking Segment Screw	6	316SS	
16	A8016	Saddle	2~3	Rubber	
15	GB/T5782 M8x90	Strap Screw	4~6	316SS	
14	A8014.3	Strap	2~3	316SS-Brass and Rubber	
13	23.6x2.65G GB/T3452.1	O-ring	4	EPDM	
12	A8012.3	Adapter	2	Engineering Thermoplastic	
11	A8011.3	Thrust Ring	1	Engineering Thermoplastic	
10	S80200D(DZ)	1.5"Feed/Conc. Part	2~4	Super Duplex Stainless Steel	S
09	A8009.1	Retaining Ring	2~4	316SS	
08	412x3.55G GB/T3452.1	O-ring	4~8	EPDM	
07	A8007	Permeate Part Locknut	2	Engineering Thermoplastic	
06	A8006	Plug	1	Engineering Thermoplastic	
05	36.5x3.55G GB/T3452.1	O-ring	4	EPDM	
04	190x5.3G GB/T3452.1	O-ring	2	EPDM	
03	A8003.3	Parted Sealing Plate	2	Engineering Thermoplastic	
02	A8002.10T	Bearing Plate	2	Aluminium Alloy-Hard anodized	S
01	S8008.1T-8T	Pressure Shell	1	FRP-316SS Embedded ring wound in place	S
REF	PART NUMBER	DESCRIPTION	QTY	MATERIAL	NOTE



Shell length code	Shell number	L	P	S	Approx assembly weight
1	S8008.1T	1550	1143	240	83
2	S8008.2T	2566	2159	1256	107
3	S8008.3T	3582	3175	2064	131
4	S8008.4T	4598	4191	1600x2	155
5	S8008.5T	5614	5207	2000x2	179
6	S8008.6T	6630	6223	2358x2	203
7	S8008.7T	7646	7239	2865x2	227
8	S8008.8T	8662	8255	3373x2	251

DESIGN: **Harbin ROPV Industry Development Center**

REVIEW: MODEL **R8040B1800S PRESSURE VESSEL**

APPROVAL: DRG: **R8040B1800S-00** REV: **10.2.3A**