



NOTE:

- 1 Design pressure 1200PSI(8.3MPa).
- 2 Design temperature 150°F(66°C)
- 3 Min. allowable temperature 14°F(-10°C)
- 4 Working medium, sea water or brackishwater
- 5 Internal permeate pressure not to exceed 125PSI(0.88Mpa)
- 6 Please operate in accordance with User Manual
- 7 Subject to change without notice. Check with ROPV to confirm current drawing.

23	8064.3	Permeate Port	2	ABS	
22	47.5x3.55G GB/T3452.1-2005	O-ring	2	EPDM	
21	58x2.65G GB/T3452.1-2005	O-ring	2	EPDM	
20	8035.1	Securing Ring	2	Plastic	
19	8097	Embed Ring	2	316SS	
18	8034	Locking Kit Segment	6	2024	
17	GB/T170.1-2000 M8x16	Locking Segment Screw	6	304SS	
16	8032	Saddle	2~3	NR	
15	GB/T5782-2000 M8x70	Strap Screw	4~6	316SS	
14	8027.4	Strap	2~3	316SS	
13	23.6x2.65G GB/T3452.1-2005	O-ring	4	EPDM	
12	8026	Adapter	2	ABS	
11	8022.4	Thrust Ring	1	ABS	
10	8057.2	Feed/Conc. Port	2	2205	
09	8055	Feed/Conc. Port Fixed Ring	4	316SS	
08	47.5x3.55G GB/T3452.1-2005	O-ring	4	EPDM	
07	8014.1	Permeate Port Locknut	2	ABS	
06	8013	Plug	1	ABS	
05	36.5x3.55G GB/T3452.1-2005	O-ring	4	EPDM	
04	190x5.3G GB/T3452.1-2005	O-ring	2	EPDM	
03	8053	Parted Sealing Plate	2	PVC/ABS	
02	8052	Bearing Plate	2	6061 T651	
01	8080.1-8	Pressure Shell	1	FRP	OPT for Blue or White
Ref	Part Number	Description	Qty.	Material	Note

Shell length code	Shell number	L L.O.A MM/IN	S Span MM/IN	Approx assembly weight KG/LB
1	8080.1	1534/60.4	700/27.6	63/141.9
2	8080.2	2550/100.4	1455/57.3	93/209.5
3	8080.3	3566/140.4	2064/81.3	122/274.8
4	8080.4	4582/180.4	1600/63x2	152/342.3
5	8080.5	5598/220.4	2000/78.7x2	181/407.7
6	8080.6	6614/260.4	2358/92.8x2	210/473.0
7	8080.7	7630/300.4	2865/112.8x2	240/540.5
8	8080.8	8646/340.4	3373/132.8x2	270/608.1

**ROPV**

DESIGN	X W Liu 2008.04.08	<b>Harbin ROPV Industry Development Center</b>	
REVIEW	J B An 2008.04.08	MODEL R80B1200E PRESSURE VESSEL	
APPROVAL	Y C Li 2008.04.08	DRG R80B1200E-00	REV 08