



- 1 Design pressure 1200PSI(8.4MPa)
- 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.

20	12.5x1.8G GB/T3452.1-2005 19x2.65G GB/T3452.1-2005	O-Ring	4	EPDM	
19	4021.1	Adapler	2	ABS	
	4021	Adapler			
18	GB/T170.1-2000 M6x25	Screw	4	316SS	
17	4010	Saddle	2	NR	
16	GB/T15782-2000 M8x60	Strap Screw	4	316SS	
15	4008.2	Strap	2	316SS	
14	25x2.65G GB/T3452.1-2005	D-Ring	4	EPDM	
13	GB/T170.1-2000 M6x10	Securing Screw	6	316SS	
12	4013	Plug	1	ABS	M12
11	4022	Permeate Port	2	ABS	
10	4024	Locking Kit Segment	6	2024 Aluminium alloy	
09	4089.4	Collar	2	6061 T6 Aluminium alloy	
08	4036	Bearing Plate	2	6061 T6 Aluminium alloy	
07	4038	Feed/Conc.Port	2	2205SS	
06	4039	Feed/Conc.Port Fixed Ring	4	316SS	
05	25.8x3.55G GB/T3452.1-2005	O-Ring	4	EPDM	
04	90x5.3G GB/T3452.1-2005	O-Ring	4	EPDM	
03	4068.1	Sealing Plate	2	ABS	For Flat Membrane
	4068				
02	14x2.65G GB/T3452.1-2005	O-Ring	4	EPDM	
	17x2.65G GB/T3452.1-2005				
01	4031.19-24	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	4031.19	1306/51.4	600/23.6	19/42.8
2	4031.20	2322/91.4	1200/47.2	31/69.8
3	4031.21	3338/131.4	2200/86.6	44/99.1
4	4031.22	4354/171.4	1600/63.0x2	56/126.1
5	4031.23	5370/211.4	2300/90.6x2	68/153.2
6	4031.24	6386/251.4	2700/106.3x2	80/180.2

**ROPV**

DESIGN	X W Liu 2008.04.08	<b>Harbin ROPV Industry Development Center</b>	
REVIEW	J B An 2008.04.08	MODEL	R40B1200E PRESSURE VESSEL
APPROVAL	Y C Li 2008.04.08	DRG	R40B1200E-00
		REV	08