



- 1 Design pressure 300PSI(2.1MPa)
- 2 Design temperature 150°F(66°C)
- 3 Min. allowable temperature 14°F(-10°C)
- 4 Working medium, water PH3~11
- 5 Internal permeate pressure not to exceed 125psi(0.88Mpa)
- 6 Please operate according to directions
- 7 Subject to chance without notice, please sign in the website of the company to inquire(www.ropv.com.cn).

Ref.	Part Number	Description	Qty.	Material	NOTE
1	4012.1-3	Pressure Shell	1	FRP	
2	304001	End Plate	2	ABS	3/4" NPT F
3	90x5.3G GB/T3452.1	O-Ring	2	EPDM	4002
4	4011	Locking Crescent	4	304SS	
5	19x2.65G GB/T3452.1	O-Ring	2	EPDM	4007
6	4008	Strap	2	304SS	
7	4009	Strap Screw	4	304SS	
8	4010	Saddle	2	Rubber	
9	4013	Plug	1	ABS	3/4"NPT M
10	4012	Screw of locking crescent	4	304SS	
11	4004	Feed/Conc. Port	2~4	316LSS	
12	4005	Retaining Ring	2~4	304SS	
13	28x2.65G GB/T3452.1	O-Ring	2~4	EPDM	4006

Shell length code	Shell number	L	P	S	Approx assembly weight LB/KG
		L.O.A IN/MM	Port to Port IN/MM	Span IN/MM	
1	4012.1	1163/45.8	987/38.9	600/23.6	21.8/9.8
2	4012.2	2179/85.8	2003/78.9	1200/47.2	32.2/14.5
3	4012.3	3195/125.8	3019/118.9	2200/86.6	43.3/19.5

ROPV	DESIGN	Haorbin ROPV Industry Development Center		
	REVIEW	MODEL	R4040A300S PRESSURE VESSEL	
	APPROVAL	DRG	R4040A300S-00	REV