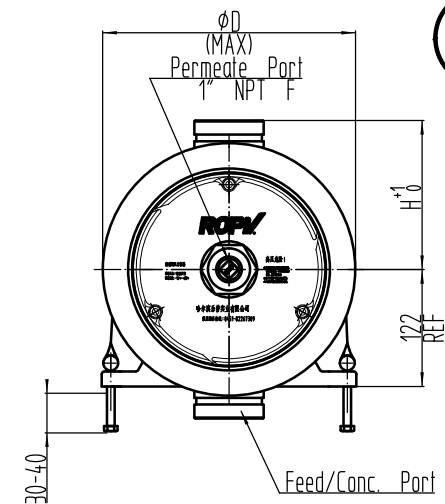
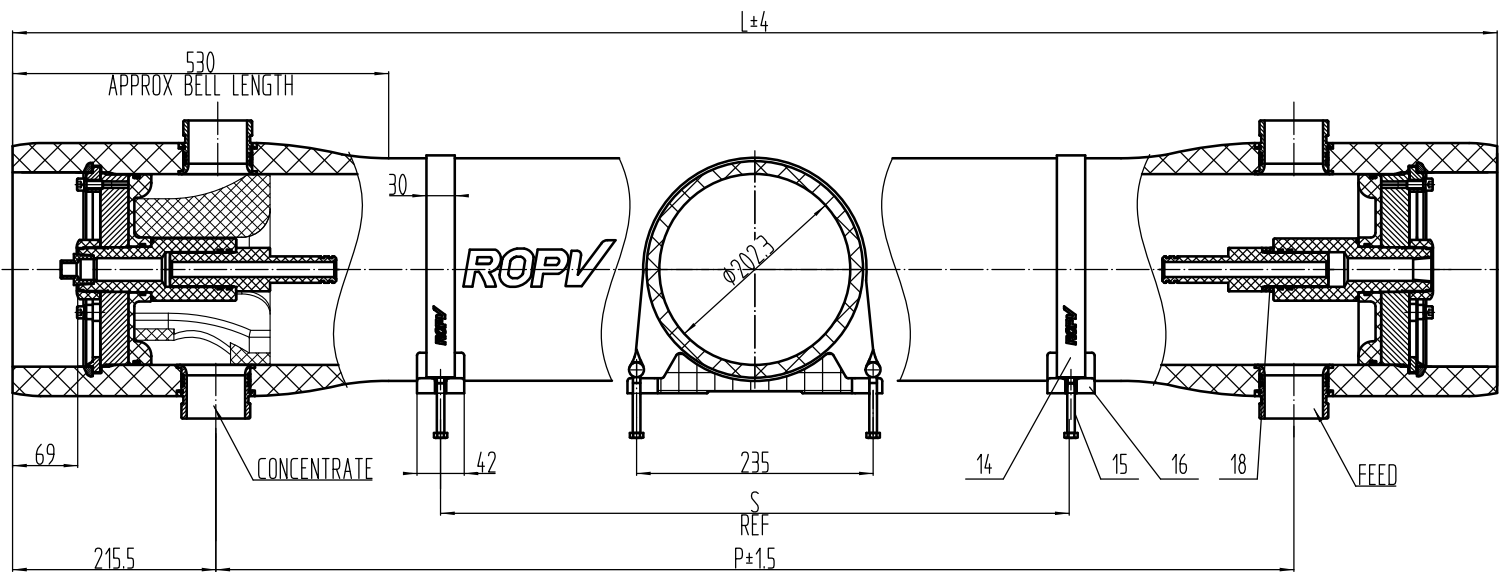
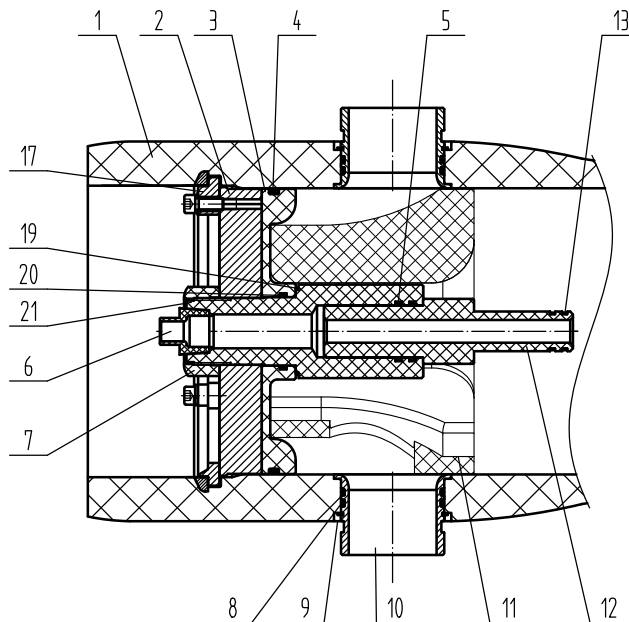




1000
PSI

F/C.Port	D(MM)	H(MM)
1.5"(DN40)	258	153
2"(DN50)	260	153
2.5"(DN65)	268	158

21	F8022.1	Permeate Port	2	Engineering Thermoplastic	
20	BE009.5	O-ring	2	EPDM	
19	AE011.6	O-ring	2	EPDM	
18	A8023.1 A8023.1C	Shim	0-4	Engineering Thermoplastic	
17	H8018.4B	Locking Kit Segment Assy	6	316SS including Screw and Spring Pad	
16	A8016-P	Saddle	2-3	Engineering Thermoplastic	
15	GB/T5782 M8x90	Strap Screw	4-6	316SS	
14	A8014.3-A	Strap	2-3	316SS-Brass and Rubber	
13	AE004.7	O-ring	4	EPDM	
12	A8012.3-L	Adapter	2	Engineering Thermoplastic	
11	A8011.1	Thrust Ring	2	Engineering Thermoplastic	
10	S8060F.US(DZ)	2.5"Feed/Conc. Port	2-4	Super Duplex Stainless Steel	
	S8060E.US(DZ)	2"Feed/Conc. Port			
	S8060D.US(DZ)	1.5"Feed/Conc. Port			
09	A8009.1-3	Retaining Ring	2-4	316SS	
	BE013.0	O-ring			
08	BE010.6	O-ring	4-8	EPDM	
	BE008.2	O-ring			
07	A8007	Permeate Port Locknut	2	Engineering Thermoplastic	
06	A8006	Plug	1	Engineering Thermoplastic	
05	BE007.3	O-ring	4	EPDM	
04	CE038.0	O-ring	2	EPDM	
03	A8003.3-H	Sealing Plate	2	Engineering Thermoplastic	
02	F8002.5	Bearing Plate	2	Aluminium Alloy-Hard anodized	
01	I801000.1-8	Pressure Shell	1	FRP	
REF	PART NUMBER	DESCRIPTION	QTY	MATERIAL	NOTE



- DESIGN PRESSURE 1000PSI(6.9MPa).
- DESIGN TEMPERATURE 150°F(65°C).
- MIN ALLOWABLE TEMPERATURE 14°F(-10°C).
- WORKING MEDIUM,SEA WATER OR BRACKISHWATER,pH RANGE 3-11.
- DIMENSIONS IN MM.
- INTERNAL PERMEATE PRESSURE NOT TO EXCEED 125PSI(0.88MPa).
- THE QUANTITY OF ITEM NO.8 9 AND 10,DEPEND ON THE FEED/CONC. PORTS CONFIGURATION.
- ITEM 11 CONCENTRATE SIDE ONLY.
- ITEM 18 FEED SIDE ONLY.
- PLEASE OPERATE IN ACCORDANCE WITH USER MANUAL.
- FOR REFERENCE ONLY,NOT FOR CONSTRUCTION UNLESS CERTIFIED.
- SPARE PARTS FORM JUST FOR REFERENCE,SPECIFIC FORM OF THE SPARE PART DRAWING PREVAIL,SUBJECT TO CHANGE WITHOUT NOTICE.
- ALL PARTS CAN BE RECYCLED EXCEPT FRP SHELL.

Shell length code	Shell number	L (MM)	P (MM)	S (MM)	Approx assembly weight (1.5"Feed/Conc. Port) KG
1	I801000.1	1574	1143	340	52
2	I801000.2	2590	2159	1356	65.5
3	I801000.3	3606	3175	2064	79
4	I801000.4	4622	4191	1600x2	92.5
5	I801000.5	5638	5207	2000x2	106
6	I801000.6	6654	6223	2358x2	119.5
7	I801000.7	7670	7239	2865x2	133
8	I801000.8	8686	8255	3373x2	146.5

ROPV	DESIGN	Harbin ROPV Industrial Co.,Ltd.	
	REVIEW	MODEL R8040I1000S PRESSURE VESSEL	
	APPROVAL	DRG R8040I1000S-00	REV A0