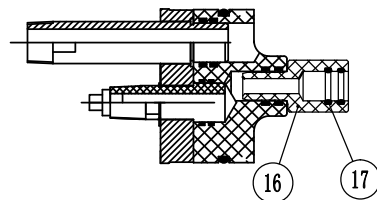


20	Permeate Port	20000080	2	ABS	
19	O-Ring	20000762	4	EPDM	25*2.65
18	Screw	20000211	2	304SST	M6*20
17	O-Ring	20000320	4	EPDM	19*2.65
16	Adapter	20000371	2	ABS	
15	Strap Screw	20000200	4~6	304SST	M8*70
14	Strap	20000191	2~3	304SST-Rubber	
13	O-Ring	20000320	2	EPDM	19*2.65
12	Securing Screw	20000205	6	304SST	M6*10
11	Plug	20000078	1	ABS	
10	Retaining ring	20000019	2	304SST	
9	Retaining ring	20000657	2	304SST	
8	Saddle	20000003	2~3	Rubber	
7	Bearing Plate	20000404	2	Aluminium Alloy	
6	Feed/Conc.Port	20000428	2	2507SST	
5	Locking Kit Segment	20000013 14 15	2	316SST	
4	O-Ring	20000324	2	EPDM	25.8*3.55
3	O-Ring	20000319	2	EPDM	90*5.3
2	Sealing Plate	20000285	2	ABS	
1	Pressure Shell	See SelectionTable	1	Epoxy FRP	White
Ref.	Description	Part Number	Qty.	Material	Remark

Note

1. Design pressure: 1000PSI (69Bar)
2. Design temperature: 150° F (66° C)
3. Minimum temperature: 14° F (-10° C)
4. Working medium: Water, PH 3-11
5. Please operate in accordance with User Guide
6. Flexible piping should be used on permeate connection to manifold
7. Subject to change without prior notice



* Parts 16 and 17 are used for 4 to 6 elements vessel only

Ref.	Part Number	L (MM)	S (MM)	Approx assembly weight (KG)
1	F40100E-1	1244	600	14.5
2	F40100E-2	2260	1200	19.5
3	F40100E-3	3276	2200	23.5
4	F40100E-4	4372	1600x2	27.5
5	F40100E-5	5388	2300x2	31.5
6	F40100E-6	6404	2700x2	35.5

Harbin FirstLine Environment Technology Co., Ltd.

First Line	Design	Model	
	Date	F40-1000E Pressure Vessel	
	Review		
	Date	DRG	
	Review		
	Date	F40-100-E-00-01	
Review	Unit	REV.	
Date	mm	2023	