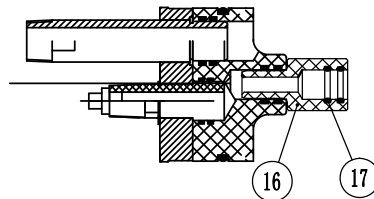


Ref.	Description	Part Number	Qty.	Material	Remark
20	Permeate Port	20000080	2	ABS	
19	O-Ring	20000762	4	EPDM	25*2.65
18	Screw	20000211	2	304SST	M6*20
17	O-Ring	20000320	4	EPDM	19*2.65
16	Adapter	20000371	2	ABS	
15	Strap Screw	20000200	4~6	304SST	M8*70
14	Strap	20000191	2~3	304SST-Rubber	
13	O-Ring	20000320	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

**Note**

1. Design pressure: 1200PSI (83Bar)
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	F40120E-1	1244	600	15
2	F40120E-2	2260	1200	26
3	F40120E-3	3276	2200	37
4	F40120E-4	4372	1600x2	48
5	F40120E-5	5388	2300x2	59
6	F40120E-6	6404	2700x2	70

**Harbin FirstLine Environment Technology Co., Ltd.**

<b>First Line</b>	Design	Model	
	Date	F40-1200E Pressure Vessel	
	Review		
	Date		
Review	DRG		
Date			
Review	F40-120-E-00-01		
Date	Unit	REV.	
Approval	mm	2023	
Date			