

FRP PRESSURE VESSEL DATASHEET-8 INCH SIDE ENTRY

F80-450S

Assembly Explosion View with Detailed Components

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The diagram shows an exploded view of the FRP Pressure Vessel assembly. The components are numbered 1 through 18. Component 1 is the main shell. Component 2 is a feed/conc. port. Component 3 is an O-ring for the feed/conc. port. Component 4 is a locknut for the permeate port. Component 5 is a thrust ring. Component 6 is an O-ring for the PWT. Component 7 is a shim for the adapter. Component 8 is the adapter. Component 9 is an O-ring for the adapter. Component 10 is an O-ring for the head. Component 11 is a sealing plate. Component 12 is a bearing plate. Component 13 is a retaining ring. Component 14 is an O-ring for the plug. Component 15 is the plug. Component 16 is a locking kit segment. Component 17 is a spring pad. Component 18 is a locking kit screw.

DRG REG	QTY	DESCRIPTION	MATERIAL	PART NUMBER
1	1	Shell	Epoxy FRP	As required
2	2-4	Feed/Conc. Port (1.5")	316LSST	20002644
2.1	2-4	Feed/Conc. Port (2")	316LSST	20002664
2.2	2-4	Feed/Conc. Port (2.5")	316LSST	20002665
3	2-4	O-ring , F/C Port (1.5")	EPDM	20002424
3.1	2-4	O-ring , F/C Port (1.5")	EPDM	20002645
3.2	2-4	O-ring , F/C Port (2")	EPDM	20002425
3.3	2-4	O-ring , F/C Port (2")	EPDM	20002677
3.4	2-4	O-ring , F/C Port (2.5")	EPDM	20002426
3.5	2-4	O-ring , F/C Port (2.5")	EPDM	20002678
4	2-4	Locknut , Permeate Port (1.5")	Metal	20003264
4.1	2-4	Locknut , Permeate Port (2")	Metal	20003265
4.2	2-4	Locknut , Permeate Port (2.5")	Metal	20003266
5	1	Thrust Ring	ABS	20000418
6	4	O-ring , PWT	EPDM	20002423
7	2	Shim , Adapter	ABS	20000020
8	2	Adapter	ABS	20000364
9	4	O-ring , Adapter	EPDM	20000314
10	2	O-ring , Head	EPDM	20000901
11	2	Sealing Plate	ABS	20002334
12	2	Bearing Plate	Aluminium Alloy	20000398
13	2	Retaining Ring	304SST	20000383
14	1	O-ring , Plug	EPDM	20000314
15	1	Plug	ABS	20000073
16	6	Locking Kit Segment	304SST	20000006
17	6	Spring Pad	304SST	20000197
18	6	Locking Kit Screw	304SST	20000196