

FRP PRESSURE VESSEL DATASHEET-8 INCH SIDE ENTRY

F80-1200S

Assembly Explosion View with Detailed Components

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The diagram shows an exploded view of the FRP Pressure Vessel assembly. Component 1 is the main shell. Component 2 is a feed/conc. port. Components 3 through 7 are O-rings and shims. Components 8 and 9 are adapters. Component 10 is a permeate port. Components 11 through 15 are O-rings, a sealing plate, and a bearing plate. Components 16 through 19 are locking kit segments, spring pads, locking kit screws, and a nut. Component 20 is a plug.

DRG REG	QTY	DESCRIPTION	MATERIAL	PART NUMBER
1	1	Shell	Epoxy FRP	As required
2	2-4	Feed/Conc. Port (1.5")	2507SST	20002766
2.1	2-4	Feed/Conc. Port (2")	2507SST	20002767
2.2	2-4	Feed/Conc. Port (2.5")	2507SST	20002957
2.3	2-4	Feed/Conc. Port (3")	2507SST	20002899
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
3.6	2-4	O-ring , F/C Port (3")	EPDM	20002428
3.7	2-4	O-ring , F/C Port (3")	EPDM	20002788
4	2-4	Locknut , Permeate Port (1.5")	Metal	20002779
4.1	2-4	Locknut , Permeate Port (2")	Metal	20002780
4.2	2-4	Locknut , Permeate Port (2.5")	Metal	20002667
4.3	2-4	Locknut , Permeate Port (3")	Metal	20002682
5	1	Thrust Ring	ABS	20000418
6	4	O-ring , PWT	EPDM	20002432
7	2	Shim , Adapter	ABS	20000020
8	2	Adapter	ABS	20002250
9	4	O-ring , Adapter	EPDM	20000314
10	2	Permeate Port	ABS	20002270
11	2	O-ring , Head	EPDM	20001074
12	2	O-ring , Permeate Port	EPDM	20002432
13	2	Sealing Plate	ABS	20001809
14	2	Bearing Plate	Aluminium Alloy	20003050
15	6	Locking Kit Segment	316SST	200008/09/10
16	6	Spring Pad	304SST	20000197
17	6	Locking Kit Screw	304SST	20000196
18	2	Nut	ABS	20000698
19	2	O-ring , Plug	EPDM	20000314
20	2	Plug	ABS	20000073