



9 Appendix

9.1 Filter

9.1.1 Technical data

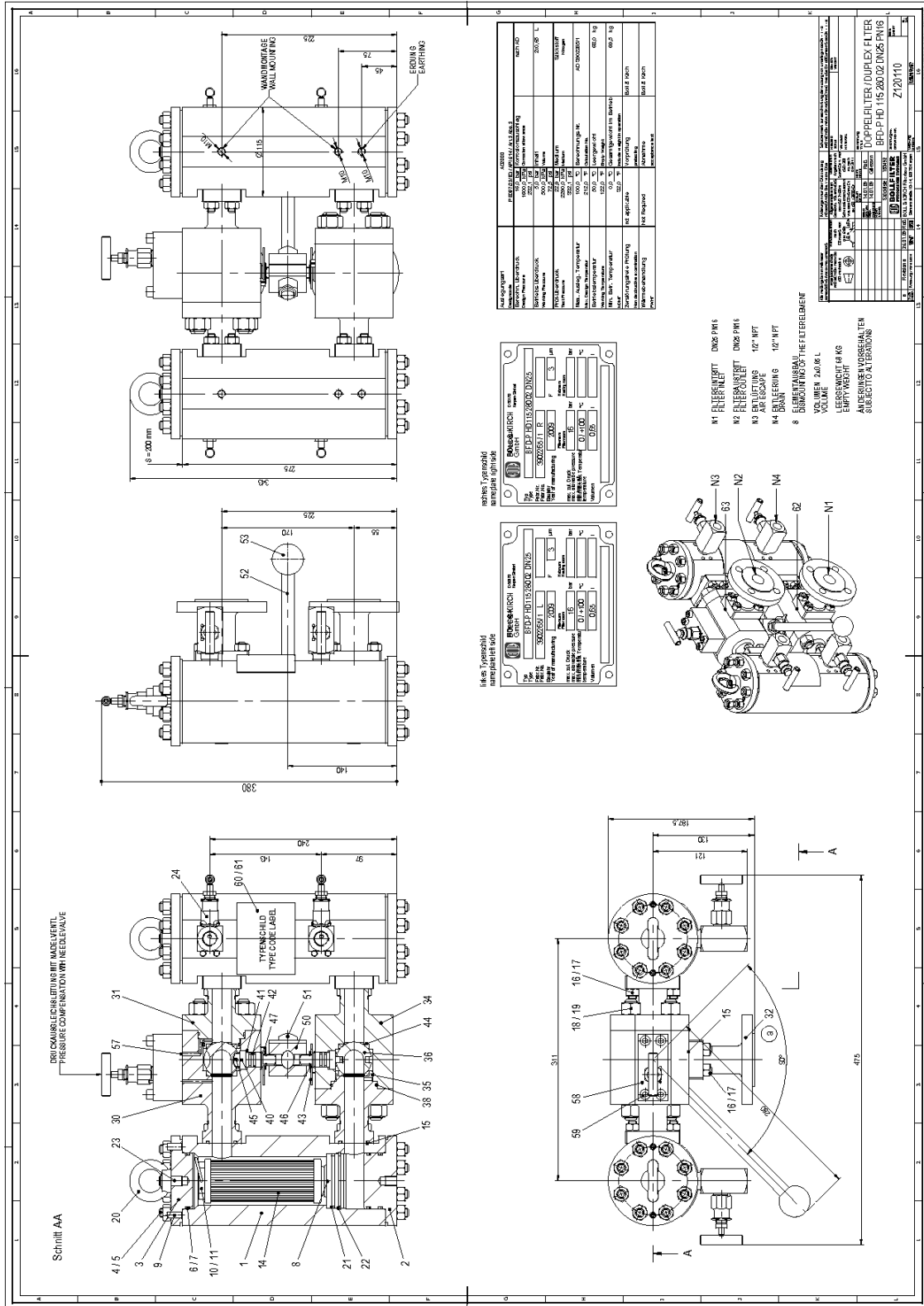
Filter

Filter type	BFD-P HD
Nominal connection diameter DN	25
Housing size	02
Flow rate	200.00 Nm ³ /h
Fine filter units	3 µm
Permitted operating pressure	16.00 bar
permitted max. operating temperature	100.00 °C

Filter element

Element type of filter	Filter element HF1 MG F
Number of filter elements	1

9.1.2 Technical data sheet





9.1.3 Spare parts

9.1.3.1 Spare parts list

Document	Description	Date
183492	duplex filter Assembly: Z120110	08.09.09

Item	ID no.	Description	Qty	Unit
00001	167057	housing left	1	pcs.
00001	167052	housing right	1	pcs.
00002	6410218	cover	2	pcs.
00003	6410219	cover	2	pcs.
00004	2110018	hexagon nut	32	pcs.
00005	2015958	stud bolt	32	pcs.
00006	3031525	o-ring	6	pcs.
00007	3420034	supporting ring	6	pcs.
00008	5010217	connection piece	2	pcs.
00009	2010185	stud bolt	4	pcs.
00010	5014821	retaining plate	2	pcs.
00011	5014822	bow	2	pcs.
00014	1980050	filter element	2	pcs.
00015	3030061	o-ring	6	pcs.
00016	2110017	hexagon nut	24	pcs.
00017	2010239	stud bolt	24	pcs.
00018	2010638	stud bolt	8	pcs.
00019	2110019	hexagon nut	8	pcs.
00020	2110025	lifting eye nut	2	pcs.
00021	3030065	o-ring	2	pcs.
00022	2219543	locking ring	2	pcs.
00023	2012948	stud bolt	2	pcs.
00024	2610185	shut-off valve	4	pcs.
00030	6210074	valve housing	1	pcs.
00031	6810144	connection housing	2	pcs.
00032	6810194	connection inlet/outlet	2	pcs.
00034	6210075	valve housing	1	pcs.
00035	3030039	o-ring	2	pcs.
00036	2310073	ball	2	pcs.
00038	3037424	o-ring	2	pcs.
00040	5416297	selector shaft	2	pcs.
00041	3325681	flat gasket	2	pcs.
00042	3031048	o-ring	4	pcs.
00043	6902579	limiting sheet	2	pcs.



Item	ID no.	Description	Qty	Unit
00044	3523016	ball gasket	4	pcs.
00045	2717705	thrust piece	4	pcs.
00046	2216669	locking ring	4	pcs.
00047	2312157	straight grooved pin	2	pcs.
00050	5616138	coupling piece	2	pcs.
00051	2110019	hexagon nut	2	pcs.
00052	5015692	switch rod	1	pcs.
00053	2702256	ball knob	1	pcs.
00057	3030143	o-ring	2	pcs.
00058	2610182	shut-off valve	1	pcs.
00059	2014104	hexagon socket head cap screw	4	pcs.
00060	9401690	type plate	2	pcs.
00061	2315518	half-round groove pin	8	pcs.
00062	9800300	label: "inlet"	1	pcs.
00063	9800301	label: "outlet"	1	pcs.