

GFUP02010

glue feed unit



Zator
gluing solutions

DATASHEET





TECHNICAL DESCRIPTION

Glue feed unit with pneumatic piston pump 2:1 ratio equipped with: suction pipe with filter and bottom valve, manual stainless steel pressure regulator, stainless steel filter/pulsation dampener which has the double function to drop the pulsations of the pump and filter any possible impurities contained into the aspirated fluid. On request a float level sensor can be installed to indicate the minimum fluid level into the bucket.

APPLICATION FIELDS

- | packaging
- | paper converting
- | case maker
- | printing machines
- | tobacco industry
- | assembly
- | cosmetics

FLUID TYPES

- | adhesives and glues
- | greases
- | paint
- | mastics
- | low viscosity fluids

TECHNICAL DATA

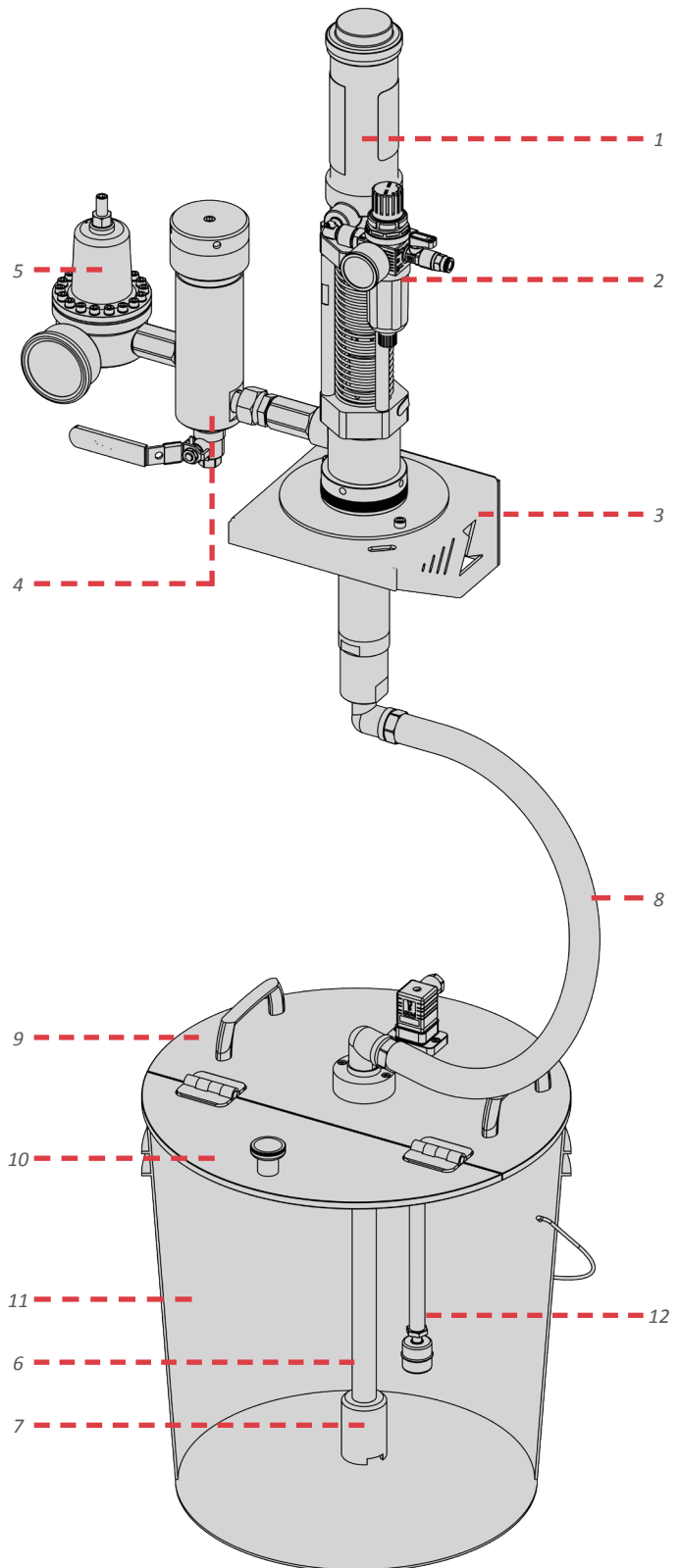
technical data

Pump ratio	2:1
Line air supply	max 6 bar
Air inlet connection	G1/4"
Maximum fluid viscosity	~ 2.500 mPa·s
Working pressure	from 1 to 12 bar
Fluid outlet connection	G1/2"
Weight (tare)	21 Kg
Bucket capacity	28 liters

FUNCTIONS AND COMPONENTS

The glue feed unit GFUP02010 is composed mainly of:

1. **Double effect pneumatic piston pump** with 2:1 ratio. All components in contact with fluid are made of stainless steel to avoid the oxidation. The air side is separated from the fluid side thanks to a chamber with oil to avoid, in case of leakage, the transfer of the fluid in the air side;
2. **Air pressure regulator** with manometer and anti-condensation filter (inlet);
3. **Bracket** for piston pump;
4. Stainless steel **Filter/pulsation dampener**;
5. Manual stainless steel **fluid pressure regulator** with manometer (outlet);
6. **Suction pipe** of the fluid;
7. **Bottom valve** with filter;
8. **Flexible connection pipe** for pump and suction pipe;
9. **Lid** made of PVC with handles;
10. Hinged **flap lid** with knob;
11. **Bucket** made of HDPE for the storage of the fluid;
12. **Float Level sensor** (optional) to indicate the minimum fluid level into the bucket.





MODELS

code

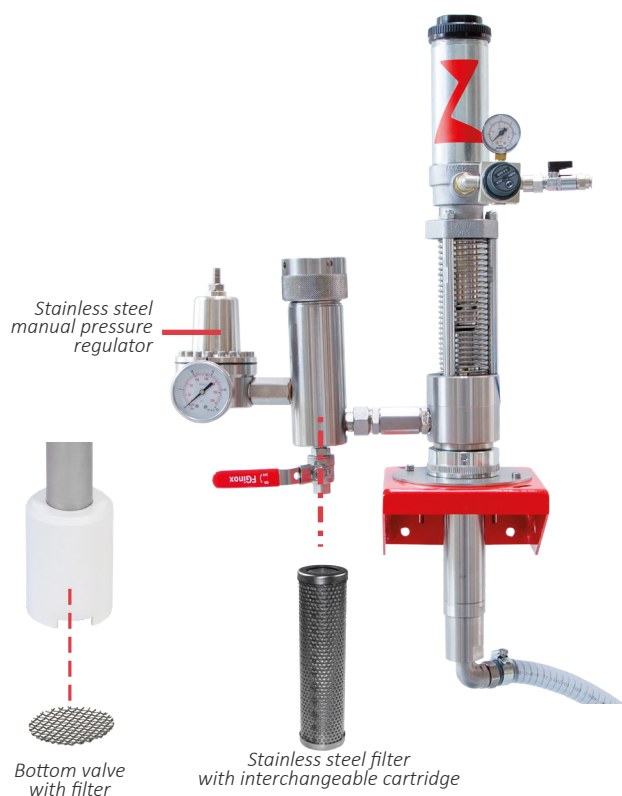
description

GFUP02010

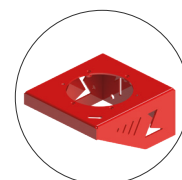
Piston pump feed unit, available with wall mount bracket (optional) or stand on wheels (optional).

Stainless steel piston pump 2:1 ratio.

Bucket with lid, suction pipe with filter, bottom valve, stainless steel filter/pulsation dampener and manual stainless steel pressure regulator.



Float level sensor kit



Wall mount bracket

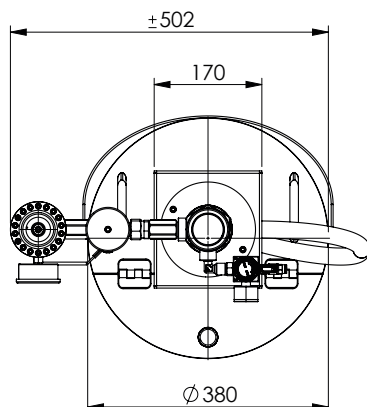
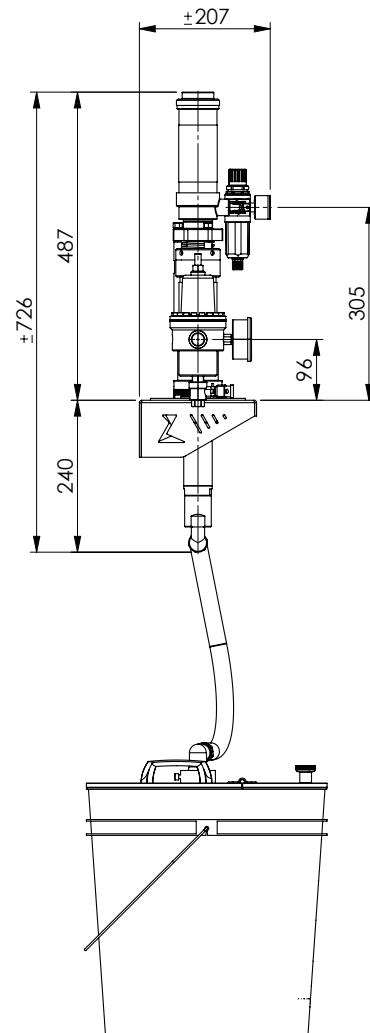
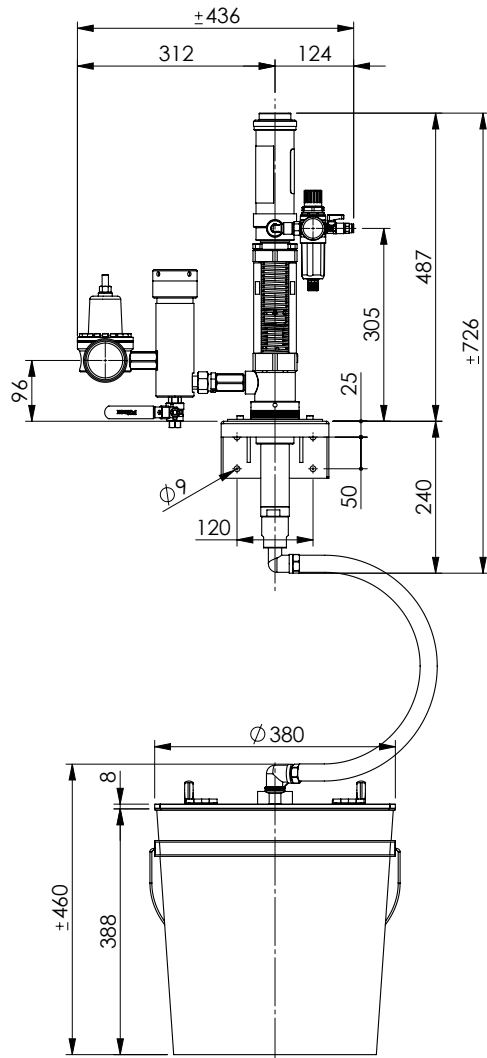


Stand

Available options



DIMENSIONS





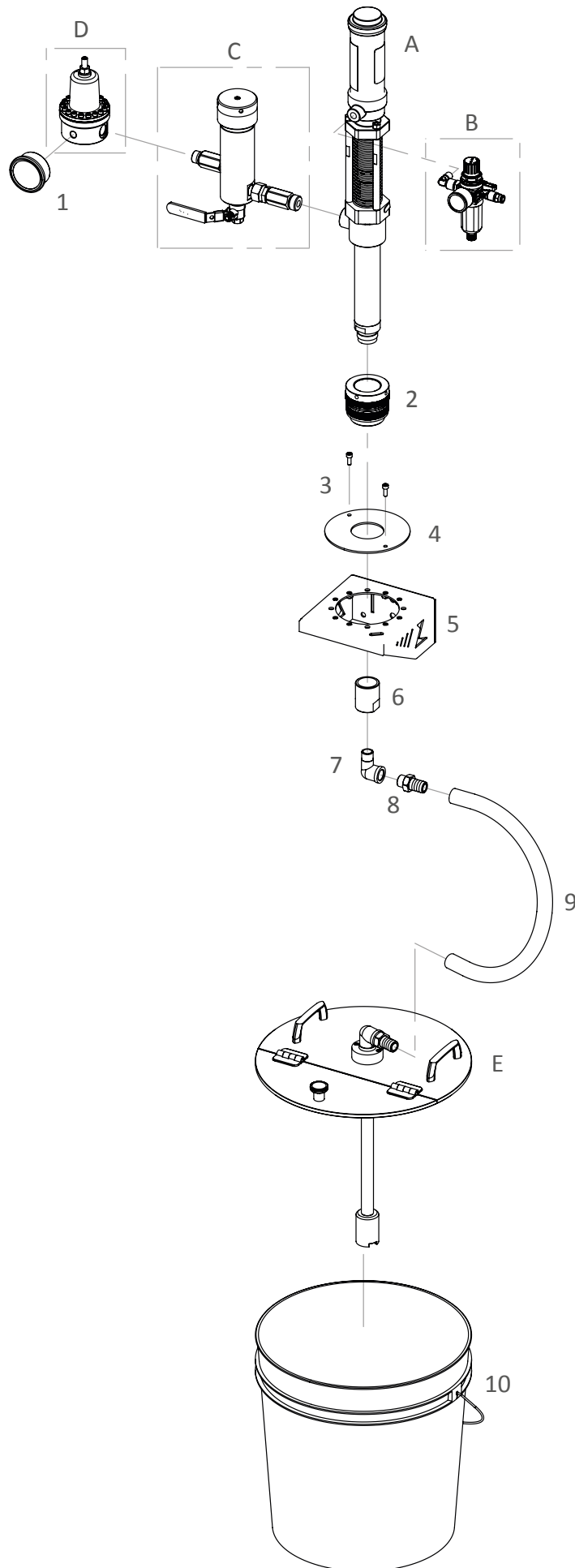
PARTS LIST

Glue feed unit

pos.	code	q.ty	description
A	PMPP02070	1	Pump
B	GRI020020	1	Air inlet group
C	GRF150501	1	Filter group
D	A19513100	1	Manual fluid outlet group
E	BLA000201	1	Standard lid assembly
	BLA000202	1	Lid assembly level sensor version
1	PGGA614521	1	Manometer
2	BSG001050	1	Lock nut
3	SC00060161	2	Screw
4	SP10104	1	Flange
5	SP20001	1	Pump bracket
6	RRIT1309	1	Fitting
7	RRIC1300	1	Fitting
8	RRJF1361	1	Fitting
9	TBP082419	1	Pipe
10	BCK000100	1	Bucket



GLUE FEED UNIT GFUP02010



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Group A - Pump

pos. code q. ty description

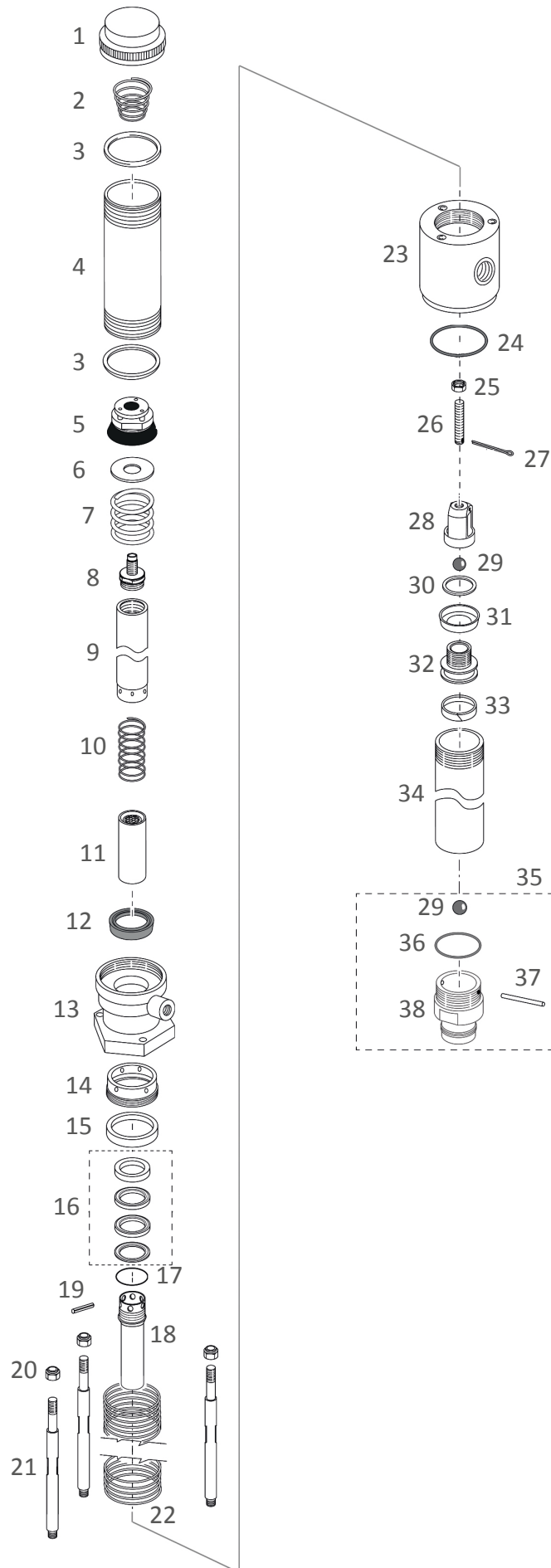
1	3301	1	Cylinder plug
2	3303	1	Upper spring
3	3302	2	Plug gasket ¹
4	3304	1	Motor cylinder
5	3621	1	Motor piston ¹
6	3312	1	Washer
7	3313	1	Lower spring
8	3638	1	Plug
9	3624	1	Upper rod
10	3634	1	Spring
11	3635	1	Muffler
12	3314	1	Gasket ¹
13	3623	1	Motor housing
14	3417	1	Nut
15	3852	1	Inox washer
16	3435	1	V-pack gasket
17	3645	1	O-ring
18	3647	1	Pin
19	3854	1	Lower rod
20	3637	3	Nut
21	3636	3	Tie rod
22	3606	1	Protection spring

pos. code q. ty description

23	3855	1	Pump body
24	3421	1	O-ring
25	3862	1	Nut
26	3867	1	Tie rod
27	3805	1	Pin
28	3859	1	Upper piston
29	98053	2	Ball
30	3860	1	Washer
31	3752	1	Gasket
32	3861	1	Lower piston
33	3756	1	Ring guide
34	3866	1	Material cylinder
35	3868	1	Bottom valve
36	3429	1	O-ring
37	3863	1	Pin
38	3869	1	Bottom valve body
	40025	1	Repair kit ¹

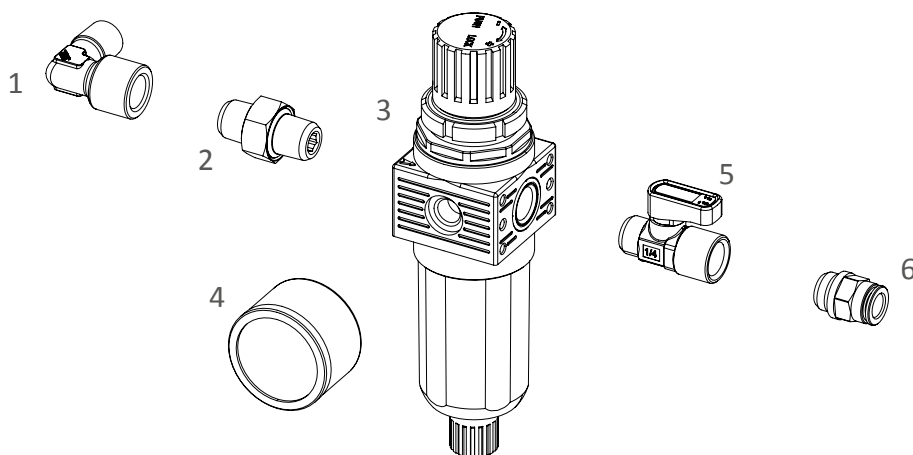


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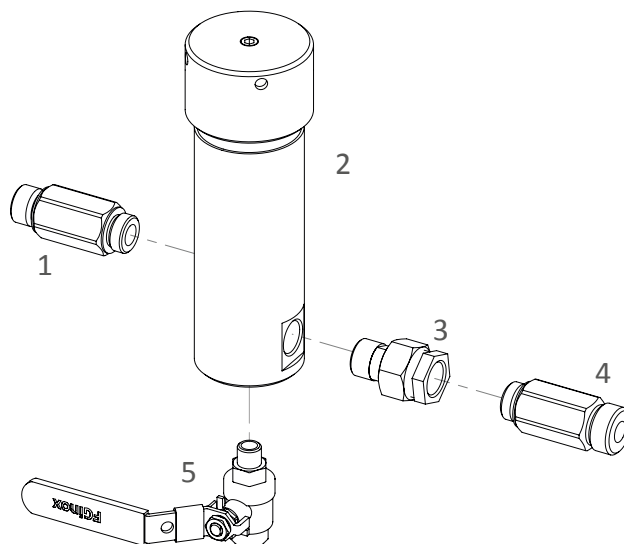
Group B - Air inlet group

pos.	code	q.ty	description
1	RRFC1100	1	Fitting
2	RRFO1100	1	Fitting
3	RROB1100	1	Air pressure regulator with filter
4	PGGA418210	1	Manometer
5	RRMC1100	1	Ball valve
6	RRBZ1153	1	Fitting



Group C - Filter group

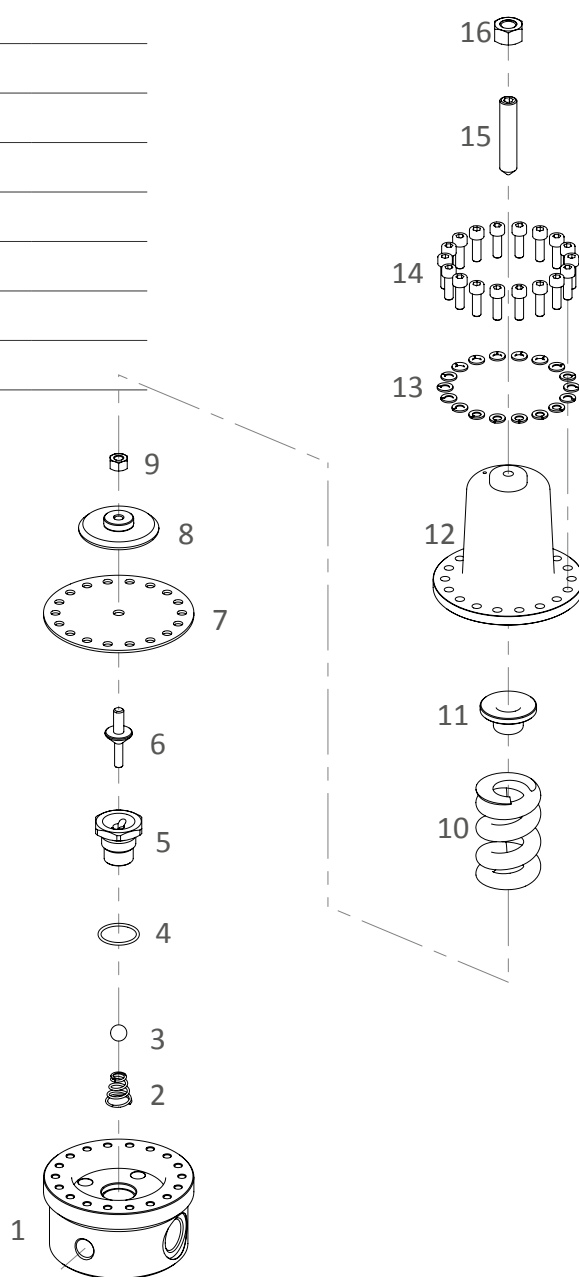
pos.	code	q.ty	description
1	RRZA1313	1	Fitting
2	K95518600	1	Stainless steel filter
3	RRJJ1300	1	Fitting
4	RRZA1413	1	Fitting
5	RRNC1100	1	Ball valve





Group D - Manual fluid outlet group

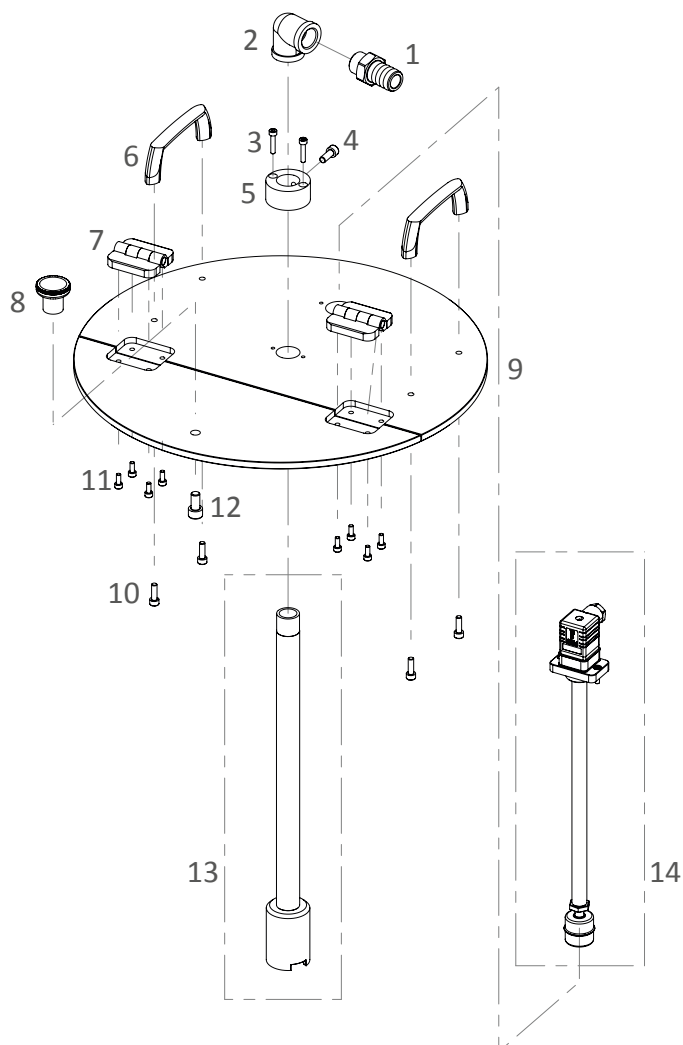
pos.	code	q.ty	description
1	BG000081	1	Manual regulation pressure body
2	CCS000008	1	Spring
3	BLL0950601	1	Ball
4	RNG000019E	1	O-ring
5	SGR000009	1	Seat
6	NST007700	1	Pin
7	DPH000001	1	Diaphragm
8	SFG000002	1	Flange
9	NT0106010	1	Nut
10	CCS000012	1	Spring
11	SFG000001	1	Flange
12	BG000082	1	Bell
13	WSR1305010	18	Washer
14	SC00050161	18	Screw
15	GR10100501	1	Nut
16	NT0010010	1	Nut





Group E - Lid assembly

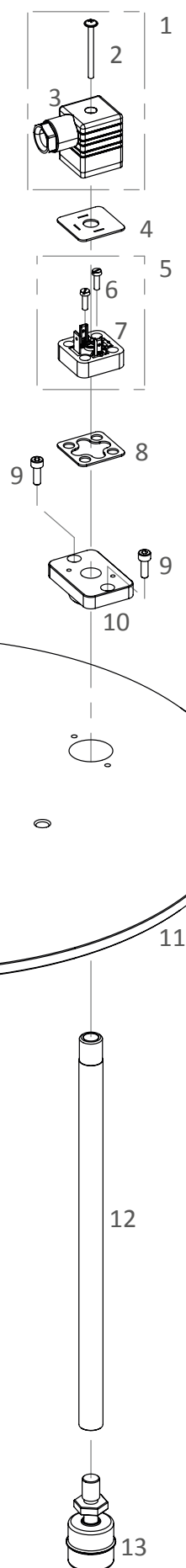
pos.	code	q.ty	description
1	RRJF1361	1	Fitting
2	RRIB1300	1	Fitting
3	SC00040201	2	Screw
4	SC00060161	1	Screw
5	BSH000021	1	Lock bush
6	HDL000001	2	Handle
7	HNG000001	2	Hinge
8	KNB000001	1	Knob
9	BLA000211	1	Standard plastic lid
	BLA000222	1	Plastic lid level sensor version
10	SC00050161	4	Screw
11	SC00040101	8	Screw
12	SC00080161	1	Screw
13	TBC00100	1	Suction pipe complete
14	A19910000	1	Level sensor complete





Level sensor complete

pos.	code	q.ty	description
1	CNN220F00	1	Female connector complete
2	SC84030351	1	Screw
3	CNN220F01	1	Female connector
4	GSK000016	1	Gasket
5	CNN230M00	1	Male connector complete
6	SC01030101	2	Screw
7	CNN230M01	1	Male connector
8	GSK000017	1	Gasket
9	SC00040121	2	Screw
10	BG000068	1	Flange
11	BLD000104	1	Plastic lid level sensor version
12	TBN00200	1	Pipe
13	GLG000002	1	Floating



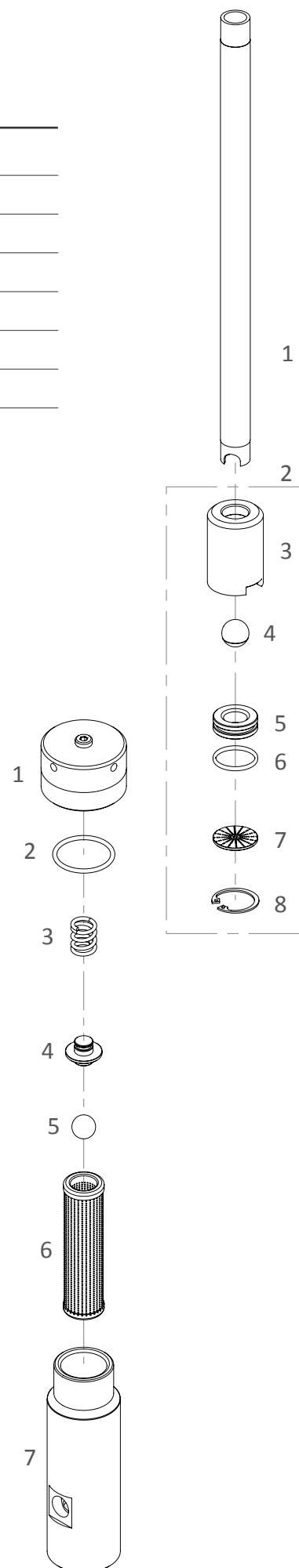


Suction pipe complete

pos.	code	q.ty	description
1	TBN00101	1	Pipe
2	BG000096	1	Bottom valve complete
3	BG000062	1	Bottom valve body
4	BLL2000401	1	Ball
5	BST000010	1	Ball seat
6	RNG000120E	1	O-ring
7	FLT000010	1	Filter
8	SGG503201	1	Seeger

Filter

pos.	code	q.ty	description
1	BG000077	1	Filter cap
2	RNG440X35E	1	Gasket
3	CCS000011	1	Spring
4	BST000012	1	Spring plate
5	BLL2000401	1	Ball
6	FLC030050	1	Filter cartridge
7	BG000076	1	Filter body



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Datasheet
GFUP02010_v01

APRIL 2023

