

A190001

glue feed unit



Zator
gluing solutions

DATASHEET





TECHNICAL DESCRIPTION

Glue feed unit with pneumatic piston pump 10:1 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

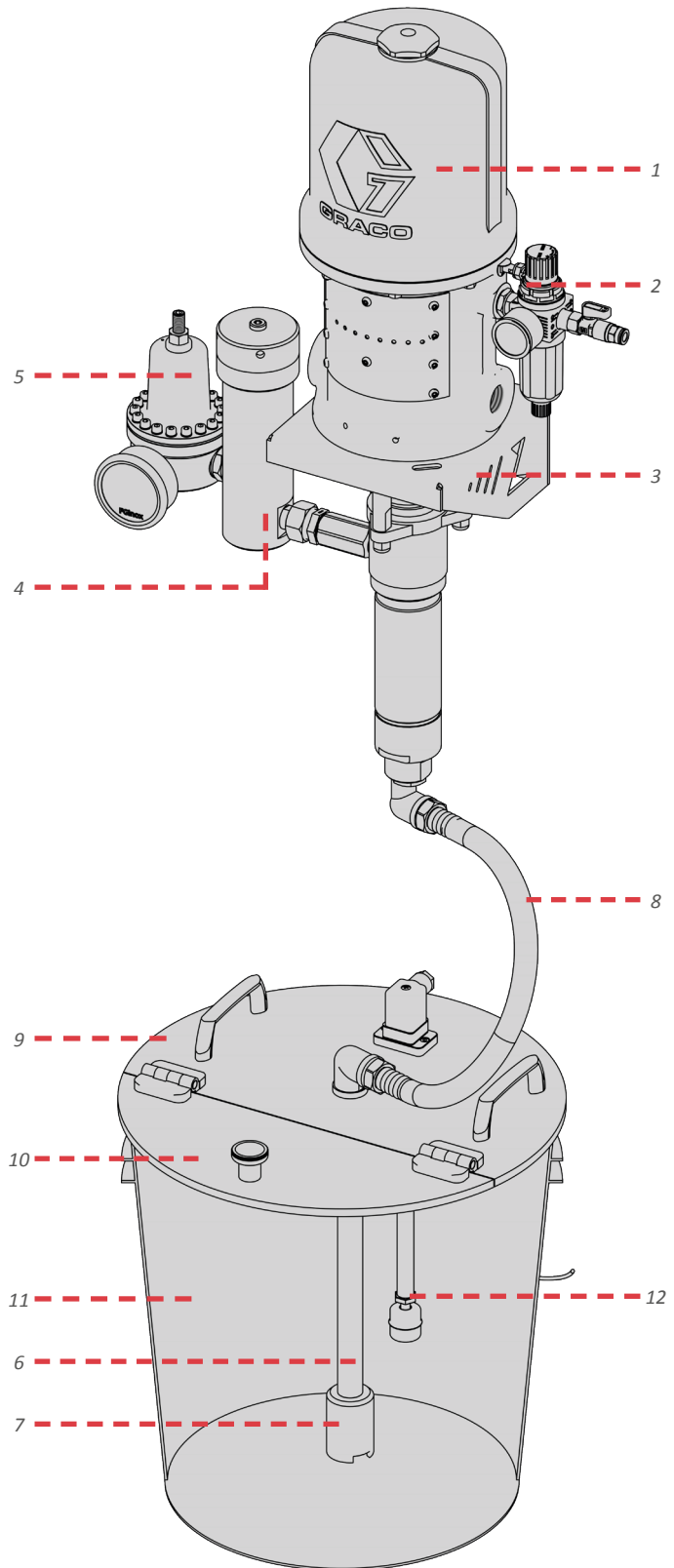
technical data

Pump ratio	10:1
Line air supply	max 6 bar
Air inlet connection	G1/4"
Maximum fluid viscosity	~ 4.000 mPa·s
Working pressure	from 1 to 30 bar
Fluid outlet connection	G1/2"
Weight (tare)	28 Kg
Bucket capacity	28 liters

FUNCTIONS AND COMPONENTS

The glue feed unit A190001 is composed mainly of:

1. **Double effect pneumatic piston pump** with 10:1 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

A190001

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

Stainless steel piston pump 10:1 ratio.

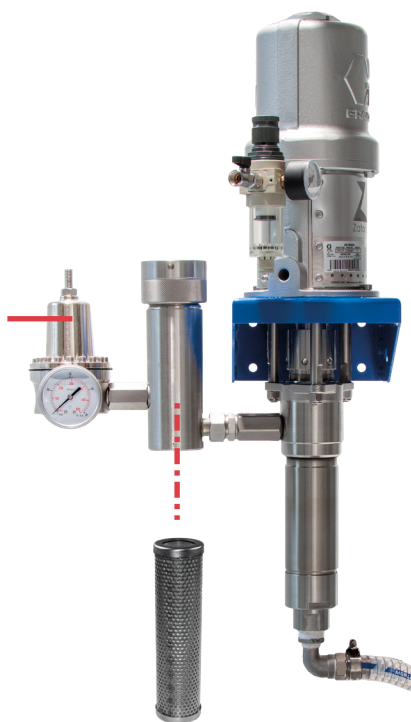
Bucket with lid, suction pipe with filter, bottom valve, stainless steel filter/pulsation dampener and manual stainless steel pressure regulator.



Stainless steel
manual pressure
regulator



Bottom valve
with filter

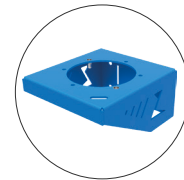


Stainless steel filter
with interchangeable cartridge

Hinged
flap lid



Float level sensor kit
A19910000



Wall mount
bracket

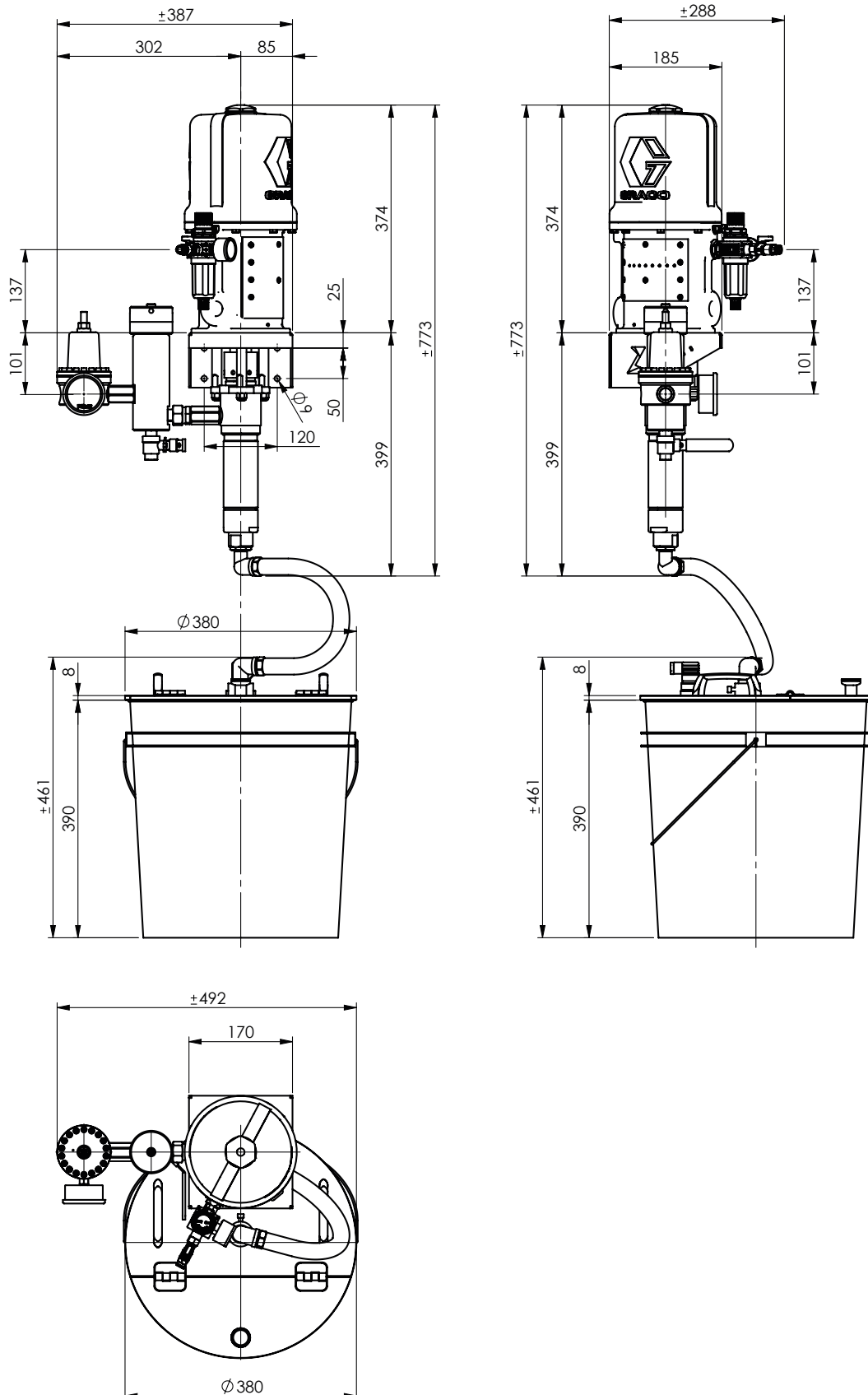


Stand

Available
options



DIMENSIONS





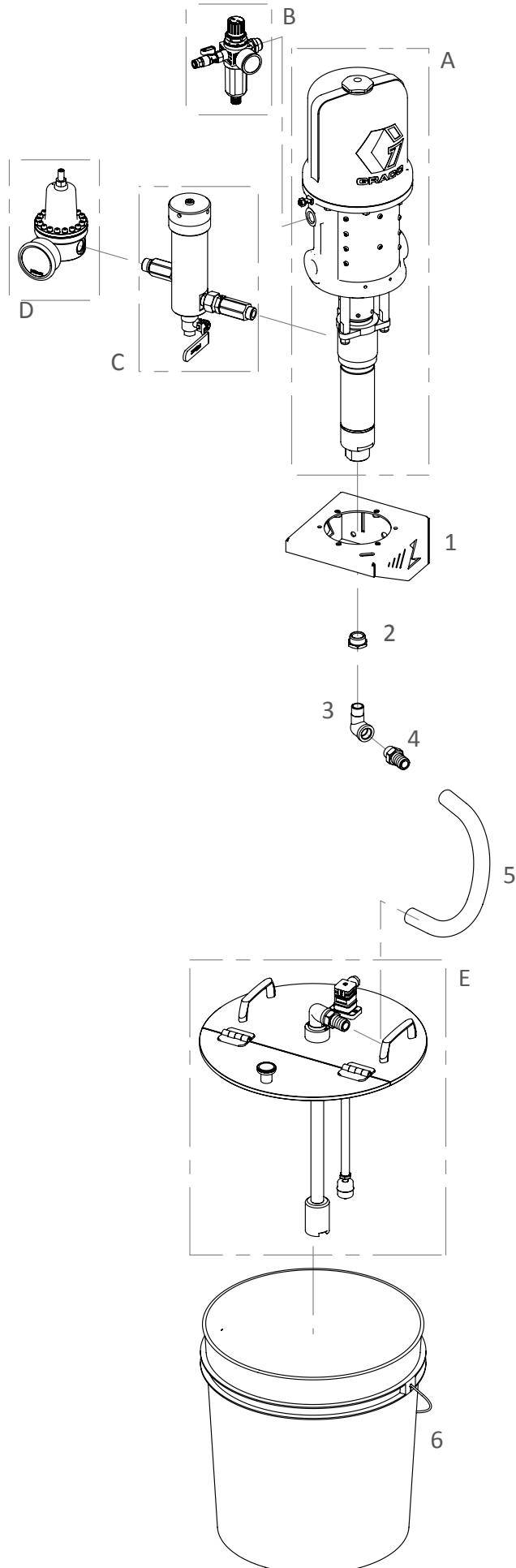
PARTS LIST

Glue feed unit

pos.	code	q.ty	description
A	PMPP1005000	1	Pump
B	ASM00101	1	Air inlet group
C	ASM00205	1	Filter group
D	A19513100	1	Manual fluid outlet group
E	BLA000201	1	Standard lid assembly
	BLA000202	1	Lid assembly level sensor version
1	SP20001	1	Pump bracket
2	RRIQ1413	1	Fitting
3	RRIC1300	1	Fitting
4	RRJF1361	1	Fitting
5	TBP082419	1	Pipe
6	BCK000100	1	Bucket



GLUE FEED UNIT A190001

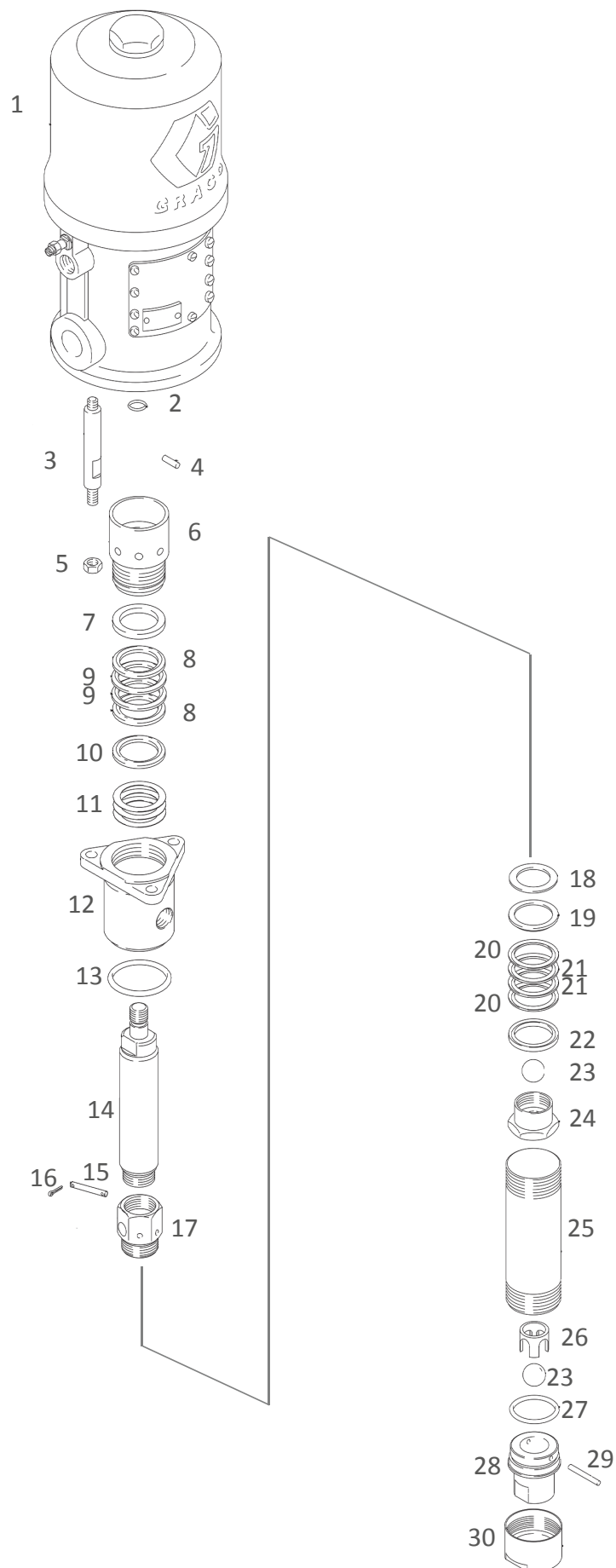


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Group A - Pump

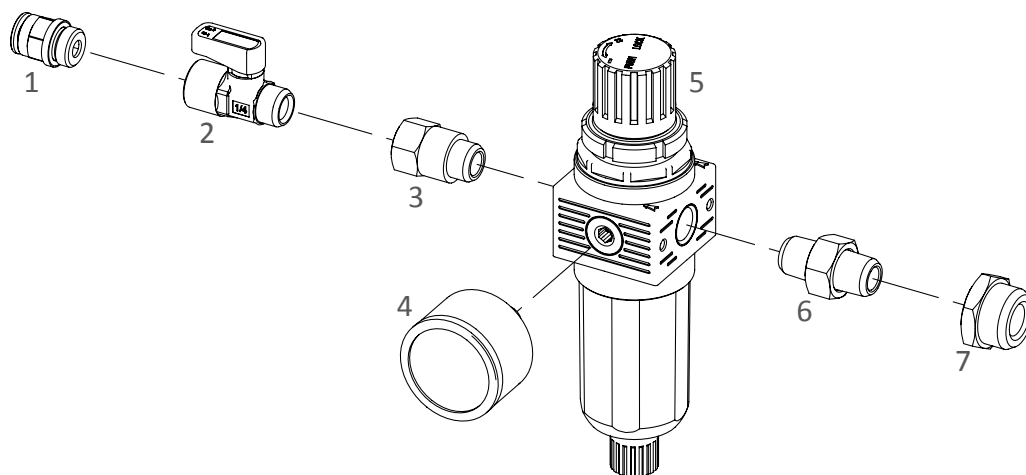
pos.	code	q.ty	description
1	207352	1	Air motor
2	156082	1	O-ring
3	166237	3	Rod
4	101946	1	Pin
5	102021	3	Nut
6	186995	1	Wet-cup
7	186988	1	Gland
8	176639	2	Gasket
9	162866	2	Gasket
10	186987	1	Gland
11	190484	3	Shim
12	205999	1	Pump body
13	164782	1	O-ring
14	186997	1	Rod
15	176637	1	Pin
16	100063	2	Pin
17	176644	1	Stud
18	176634	1	Washer
19	186990	1	Gland
20	176638	2	Gasket
21	176635	2	Gasket
22	186989	1	Gland
23	101917	2	Ball
24	186993	1	Stud
25	186994	1	Cylinder
26	164679	1	Guide
27	164846	1	O-ring
28	186992	1	Valve body
29	162947	1	Pin
30	164630	1	Nut
	224401	1	Repair kit





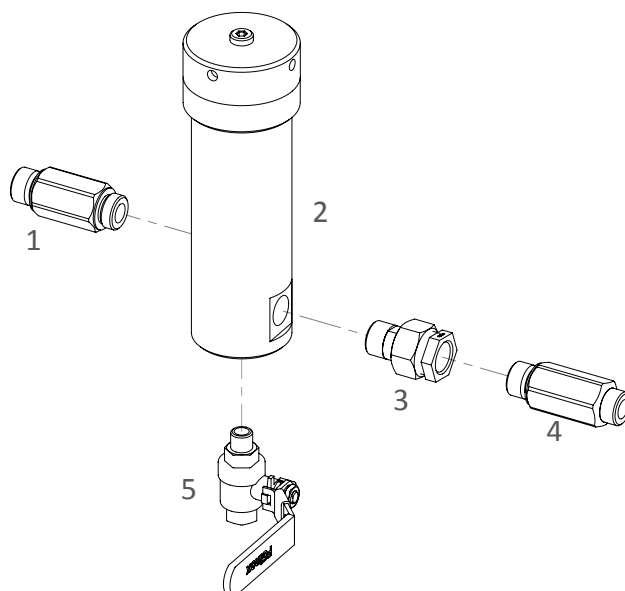
Group B - Air inlet group

pos.	code	q.ty	description
1	RRBZ1153	1	Fitting
2	RRMC1100	1	Ball valve
3	RRGA1100	1	Fitting
4	PGGA418210	1	Manometer
5	RROB1100	1	Air pressure regulator with filter
6	RRFO1100	1	Fitting
7	RRFQ1311	1	Fitting



Group C - Filter group

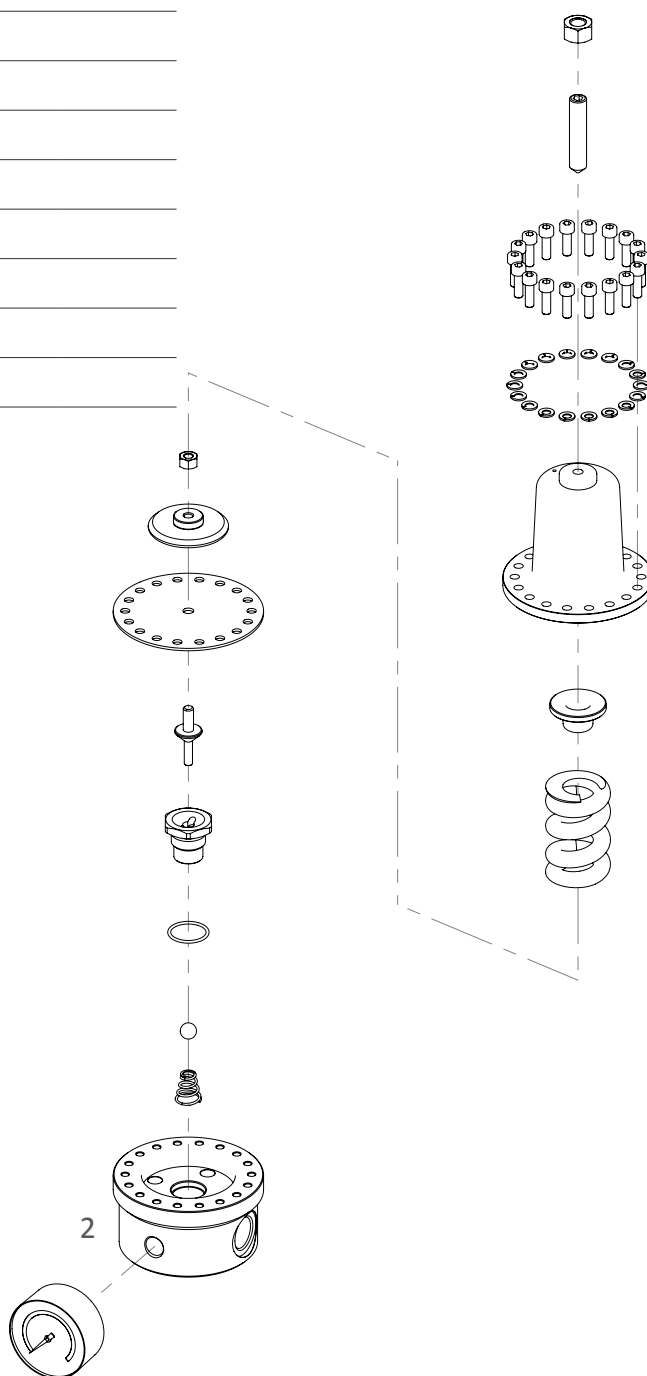
pos.	code	q.ty	description
1	RRZA1313	1	Fitting
2	K95518601	1	Stainless steel filter
3	RRJJ1300	1	Fitting
4	RRZA1383	1	Fitting
5	RRNC1100	1	Ball valve





Group D - Manual fluid outlet group

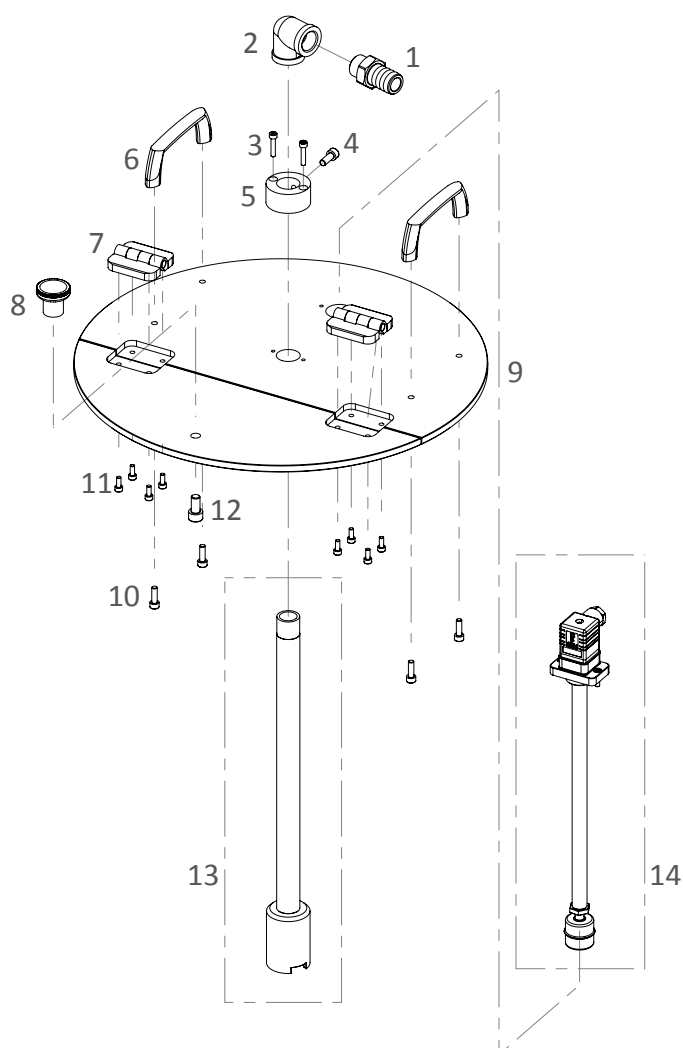
pos.	code	q.ty	description
1	PGGA614710	1	Manometer
2	BG000081	1	Manual regulation pressure body
3	CCS000008	1	Spring
4	BLL0950601	1	Ball
5	K92011901	1	O-ring
6	SGR000009	1	Seat </td
7	NST007700	1	Pin
8	DPH000001	1	Diaphragm
9	SFG000002	1	Flange
10	NT0106010	1	Nut
11	CCS000012	1	Spring
12	SFG000001	1	Flange
13	BG000082	1	Bell
14	WSR1305010	18	Washer
15	SC00050161	18	Screw
16	GR10100501	1	Nut
17	NT0010010	1	Nut





Group D - Lid assembly

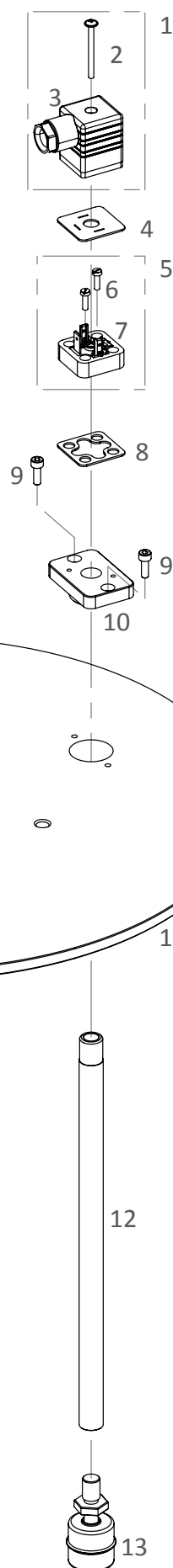
pos.	code	q.ty	description
1	RRJF1361	1	Fitting
2	RRIB1300	1	Fitting
3	SC00040201	2	Screw
4	SC00060161	1	Screw
5	BSH000021	1	Lock bush
6	HDL000001	2	Handle
7	HNG000001	2	Hinge
8	KNB000001	1	Knob
9	BLA000211	1	Standard plastic lid
	BLA000222	1	Plastic lid level sensor version
10	SC00050161	4	Screw
11	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	CNN000038	1	Female connector complete
2	SC84030351	1	Screw
3	CNN000025	1	Female connector
4	GSK000016	1	Gasket
5	CNN000039	1	Male connector complete
6	SC01030101	2	Screw
7	CNN000026	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



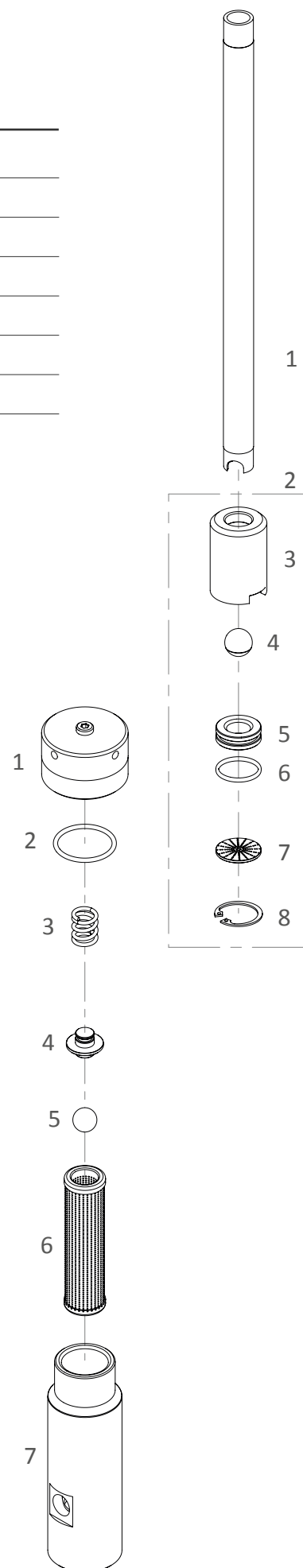


Suction pipe complete

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	K92012401	1	O-ring
7	FLT000010	1	Filter
8	SGG000008	1	Seeger

Filter

pos.	code	q.ty	description
1	BG000077	1	Filter cap
2	K92610372	1	Gasket
3	CCS000011	1	Spring
4	BST000012	1	Spring plate
5	BLL2000401	1	Ball
6	FLC03050	1	Filter cartridge
7	BG000076	1	Filter body



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Datasheet
A190001_v03

DECEMBER 2020

