

BALANCED FLOAT VALVE – MODEL VFGJS

Balanced float valve are designed for their application in tanks with the function of automatic control of water levels

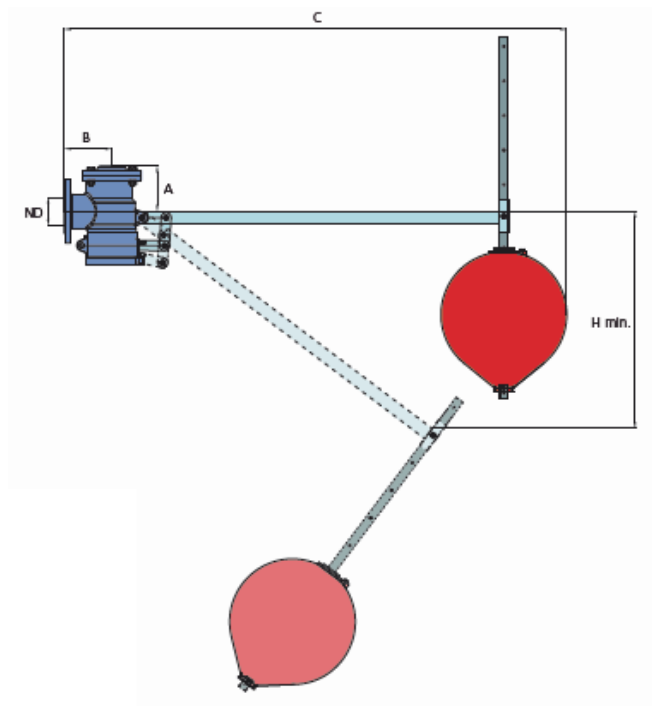
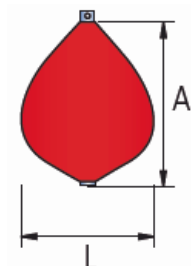


RANGE: from ND 50 to ND 250.
WORKING PRESSURE: 16 BAR.
FLANGES: DIN NP10 / 16.
COATING: EPOXY 200µmm

FEATURES

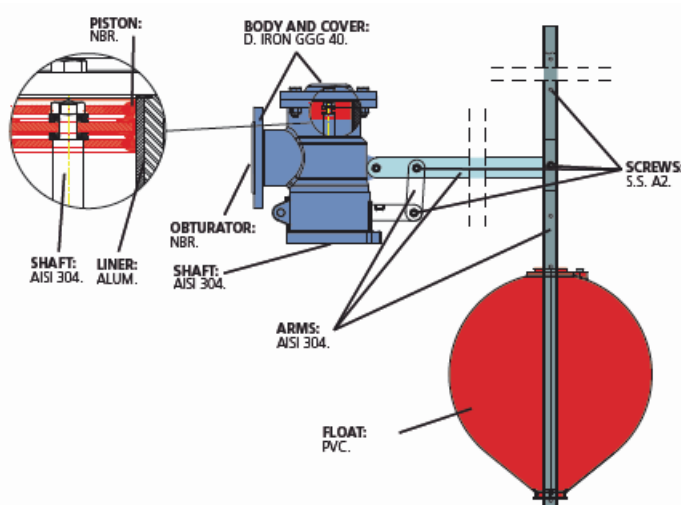
ND	B	C	A	Hmin	Kgs
50	136	1345	120	600	15
65	136	1345	120	600	16
80	150	1570	150	750	24
100	150	1570	150	750	24
125	184	2130	190	900	45
150	184	2130	190	900	46
200	273	2610	240	1000	105
250	273	2610	240	1000	110

ND	L	A
50	400	450
65	400	450
80	400	450
100	400	450
125	500	550
150	500	550
200	500	550
250	500	550



MATERIALS

PARTS	MATERIALS
Body and cover	Nodular Iron GGG 40.
Obturator	NBR
Shaft	SS.ST AISI 304
Liner	SS.ST AISI 304
Float	PVC
Screws	SS.ST. A2
Piston	NBR
Liner	ALUMINUM
Arms	AISI 304



GENERAL CHARACTERISTICS:

- PVC float guarantees a long life.
- The piston sealing system balance perfectly the pressure effect on the obturator ensuring an effective closure.
- Their dimensions allow optimizing the tank capacity.
- The valve control arms are made in stainless steel to avoid any corrosion.
- The arm and the float are provided disassembled. It is necessary to assemble them before mounting.
- Epoxy painted 200 µm RAL 5017.
- Float inflation pressure: 0,15 bar.
- Low head loss.
- Easy installation.
- Maintenance free.
- Long life and trouble free operation.
- Working temperature: between 0°C and 80°C

OPERATION

The automatic float valves VFGJS has the mission of regulating the water level of a tank or pond such that water intake is reduced gradually as the tank fills up till the inlet is completely closed when it reaches the desired level. Likewise, when the water level due to consumption low, allow the fluid inlet again.

PRESSURE	CAPACITY (l/s)							
	SIZE							
	ND-50	ND-65	ND-80	ND-100	ND-125	ND-150	ND-200	ND-250
≤ 1 BAR	3,5	4	8	12	20	27	50	72
≥ 1 BAR	6	7	14	20	33	45	80	120

INSTALLATION:

- Place float valve in the upper part of the tank.
- A good fixing, typically requires the placement of a bulkhead, of the same diameter as the valve, inserted in the vessel Wall.
- Ensure, piping is free of rocks, sand, dirt etc.. To do so, if necessary, install a filter for cleaning such a particles or dirt.
- For easier maintenance work is recommended to install an isolation valve.
- The valve is provided, for ease of transport and assembly, in three parts. Valve, float arm and float assembly. Assembles shown in fig. of this data sheet or service manual

Disclaimer

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