



APPLICATION

- Fluid: Water
- Float hydraulic valve are used in water reservoirs or regulating manholes. It is designed to open fully when the water level reaches a preselected low point and closes tightly when it reaches the selected high level.

TECHNICAL DATA

- Type: Float hydraulic valve
- Size : DN50 – DN300
- Maximum working pressure : 16 bar
- Maximum working temperature : +60°C
- Flanged: Drilled according to EN 1092-2/ DIN 2544
- Painting: Blue epoxy power coating.

OPERATION

When the water level in the tank reaches its maximum point, the buoy pilot closes the water passage, building up water pressure in the valve chamber and closing the valve. When the water level in the tank drops due to consumption, the float pilot also drops, opening the water passage and draining the chamber, which opens the hydraulic valve.

MATERIAL

No.	Parts	Material
1	Body	Ductile iron
2	Filter	Brass
3	Inlet pressure gauge	Stainless steel
4	Spiral 4mm	Brass
5	Hydraulic shut-off valve	Brass
6	Float with 1 level support	Assembly
7	Membrane	Natural rubber

DIMENSIONS

DN		L	D	H	Nxd
mm	inch				
50	2"	189	82	166	4x19
65	2 1/2"	202	93	186	4x19
80	3"	250	100	201	8x19
100	4"	311	110	222	8x19
125	5"	335	125	250	8x19
150	6"	410	145	290	8x23
200	8"	465	170	340	12x23
250	10"	650	230	460	12x28
300	12"	650	230	460	12x28

PRESSURE LOSS CURVE

