



TVN V506 Float Level Control Valve ensures that water level of tanks and reservoirs is controlled automatically. Main valve control is established by two-way pilot water gauge. When water level is below adjusting level, valve is opened automatically to fill up the tank. When it reaches the adjusting level, valve is closed automatically to fix the water level.



Size range	DN40 - DN300
Pressure range	0,7 - 16 bar ( 10 - 240 psi )
Temperature	-10°C to +80 °C
Flange drilling	Flanged EN 1092-2 / ISO 7005-2 Threaded ISO (BSP) - ANSI (NPT)
Coating	Polyester Epoxy
Testing	EN 12266-1
Marking	EN 19

- Agricultural irrigation
- Household implementation
- Supply of water fire extinguishing
- Various applications of industrial systems.
- Food and chemical enterprises

Connect the valve together with the float valve according to the maximum level that the water raises. Connect the connecting pipe between the valve and float valve. With the needle valve on the valve, adjust the isolating rate of main valve regularly in accordance with your network.

**CLOSED**      **OPEN**      **MODULATION**





**TVN**  
VALVE & PIPING COMPANY

- Mobile hydraulic floater.
- No need for extra energy by running on pressure network.
- Easy and zero adjustment to demanded pressure.
- To be able to run without being affected by pressure and flow changes in the system.
- Does not require maintenance in operation for a long time due to its corrosion resistant components.
- Has a long working life in operation since coating has been made with phosphorization and over-dried epoxy powder paint.
- Performs perfect modulation in variable flows and even too low flow rates close to zero.
- Has a wide range of application with use of different pilot valves.

- 1- Pump
- 2- Air Release Valve
- 3- Isolation Valve
- 4- Float Level Control Valve

# V506

## FLOAT LEVEL CONTROL VALVE



### Material List



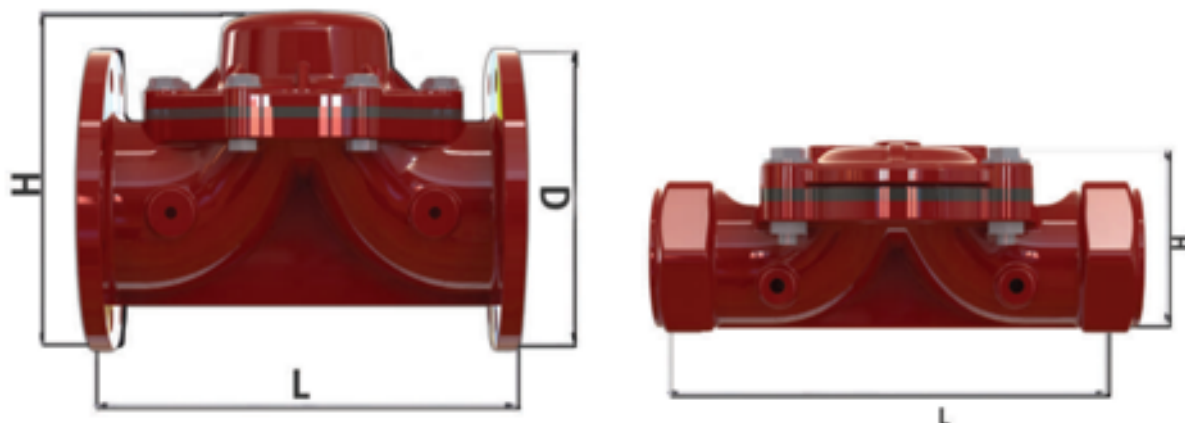
No	Part	Material
1	BODY	GGG40 Ductile Iron / GG25 Cast Iron
2	DIAPHRAM	Court Fabric / Reinforced Natural Rubber
3	COVER	GGG40 Ductile Iron / GG25 Cast Iron
4	WASHER	Plated Steel
5	BOLT	Plated Steel
6	NUT	Plated Steel / MS 58 Brass
7	SPRING THRUST RING	Polyamic
8	SPRING	AISI 304

# V506

## FLOAT LEVEL CONTROL VALVE



Dimensions Table



FLANGED CONTROL VALVES									
DN		L		D		H		Weight	
inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
2"	50	8	204	6.4	165	6.4	165	33	15
2½"	65	8.1	206	7.2	185	7.2	185	36	16.5
3"	80	11.4	290	7.8	200	7.8	200	57	26
4"	100	11.6	296	8.6	220	8.6	220	61	28
5"	125	12.3	314	9.8	250	9.8	250	72	33
6"	150	16.2	413	11.2	285	12.6	321	125	57
8"	200	18.5	470	13.3	340	18.8	403	187	85
10"	250	18.5	470	16	407	17	433	226	103
12"	300	20.8	530	18.3	466	19.5	497	316	145
THREADED CONTROL VALVES									
DN		L		H		Weight			
inch	mm	inch	mm	inch	mm	lbs	kg		
2"	50	8.1	206	4.2	107	28.6	13		
2½"	65	9	230	4.3	110	30.8	14		
3"	80	13.7	350	5.7	145	44	20		